

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
AATF	apoptosis antagonizing transcription factor	209165_at	13.5	11.1	18.5	15.9	14.7	14.7±2.8	14.1	17.5	15.6	11.4	14.2	14.6±2.2
ADNP	activity-dependent neuroprotector	201773_at	13.6	12.7	13.5	13.3	14.5	13.5±0.7	12.7	8.5	10.4	11.6	13.2	11.3±1.9
ADNP2	ADNP homeobox 2	203321_s_at	26.5	19.5	20.2	20.5	24.5	22.2±3.1	18.8	18.9	18.4	19.0	17.3	18.5±0.7
	ADNP homeobox 2	203322_at	9.7	7.9	10.8	9.2	7.9	9.1±1.2	10.9	9.4	7.7	7.8	7.2	8.6±1.5
AFF1	AF4/FMR2 family, member 1	201924_at	35.8	40.9	48.8	39.1	49.5	42.8±6.1	31.3	28.0	32.4	29.7	29.8	30.3±1.7
AFF4	AF4/FMR2 family, member 4	225229_at	5.6	7.2	7.1	8.0	7.9	7.2±0.9	9.5	8.9	9.6	11.6	9.8	9.9±1.0
AHCTF1	AT hook containing transcription factor 1	214766_s_at	6.3	6.1	8.4	8.7	9.4	7.8±1.5	10.1	10.5	10.3	7.2	10.7	9.8±1.5
APRIN	androgen-induced proliferation inhibitor	207956_x_at	18.6	13.9	19.4	15.1	16.9	16.8±2.3	15.2	16.9	19.4	15.4	18.6	17.1±1.9
ARID2	AT rich interactive domain 2 (ARID, RFX-like)	225486_at	9.2	7.4	9.4	7.4	11.9	9.1±1.8	8.6	9.6	9.3	9.3	9.5	9.3±0.4
ASH1L	ash1 (absent, small, or homeotic)-like (Drosophila)	222667_s_at	10.0	7.8	11.6	7.4	9.5	9.3±1.7	9.1	7.8	8.5	7.3	8.1	8.2±0.7
ASH2L	ash2 (absent, small, or homeotic)-like (Drosophila)	209517_s_at	55.7	40.0	49.6	42.8	51.2	47.8±6.4	39.8	40.2	40.4	35.5	40.0	39.2±2.0
ASXL1	additional sex combs like 1 (Drosophila)	244519_at	7.6	6.0	10.4	8.4	10.3	8.5±1.8	8.9	8.0	9.8	9.5	9.1	9.0±0.7
ATF1	activating transcription factor 1	1558233_s_at	14.7	10.7	15.0	16.7	14.8	14.4±2.2	19.6	16.3	14.3	14.9	15.0	16.0±2.1
	activating transcription factor 1	1565269_s_at	9.7	10.5	9.3	8.9	9.2	9.5±0.6	8.3	9.8	10.8	9.7	10.2	9.8±0.9
	activating transcription factor 1	222103_at	31.7	25.0	32.6	30.2	27.7	29.4±3.1	32.7	28.2	29.7	28.3	30.7	29.9±1.9
ATF2	activating transcription factor 2	212984_at	21.6	11.7	15.7	15.4	18.7	16.6±3.7	26.5	17.6	15.7	14.5	15.0	17.8±5.0
ATF3	activating transcription factor 3	202672_s_at	9.4	7.9	5.9	7.4	9.2	8.0±1.4	9.0	12.8	9.7	8.9	6.9	9.5±2.1
ATF4	activating transcription factor 4 (tax-responsive enhancer element B67)	200779_at	146.7	105.0	131.2	117.7	151.6	130.4±19.5	102.2	99.4	126.8	88.4	107.8	104.9±14.1
ATF6	activating transcription factor 6	217550_at	17.4	16.4	23.9	12.7	12.6	16.6±4.6	15.7	16.6	14.6	14.9	13.4	15.0±1.2
ATF7IP	activating transcription factor 7 interacting protein	218987_at	11.1	8.6	11.7	9.1	11.3	10.3±1.4	8.7	8.1	8.4	9.9	9.7	9.0±0.8
	activating transcription factor 7 interacting protein	231825_x_at	18.3	17.0	17.6	20.4	15.4	17.7±1.8	17.5	14.9	14.7	16.5	18.0	16.3±1.5
<b>ATF7IP2</b>	<b>activating transcription factor 7 interacting protein 2</b>	<b>228381_at</b>	<b>37.5</b>	<b>23.7</b>	<b>38.4</b>	<b>25.1</b>	<b>27.3</b>	<b>30.4±7.0</b>	<b>105.4</b>	<b>78.5</b>	<b>97.5</b>	<b>95.3</b>	<b>77.5</b>	<b>90.8±12.3</b>
BACH1	BTB and CNC homology 1, basic leucine zipper transcription factor 1	204194_at	16.6	12.7	18.9	15.4	17.9	16.3±2.4	18.8	20.7	23.1	18.4	19.3	20.1±1.9
BAZ1A	bromodomain adjacent to zinc finger domain, 1A	217985_s_at	59.6	48.0	60.1	52.1	58.9	55.7±5.4	49.8	42.5	41.2	45.0	52.2	46.1±4.7
	bromodomain adjacent to zinc finger domain, 1A	217986_s_at	51.1	44.0	48.9	44.7	42.9	46.3±3.5	42.6	39.1	39.7	41.1	38.4	40.2±1.7
BAZ1B	bromodomain adjacent to zinc finger domain, 1B	208445_s_at	14.0	9.0	12.9	11.9	10.5	11.7±2.0	8.8	11.6	10.3	11.8	10.0	10.5±1.2
BBX	bobby sox homolog (Drosophila)	223135_s_at	10.6	8.7	11.1	9.3	13.3	10.6±1.8	11.9	13.5	13.0	11.1	11.4	12.2±1.0
	bobby sox homolog (Drosophila)	232008_s_at	10.3	9.7	11.4	8.3	10.1	10.0±1.1	12.7	12.3	11.3	15.0	15.0	13.2±1.7
BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	219497_s_at	45.8	32.9	38.9	34.5	34.7	37.3±5.2	21.8	21.1	19.2	17.5	18.6	19.6±1.8
	B-cell CLL/lymphoma 11A (zinc finger protein)	219498_s_at	29.3	23.4	24.3	21.4	24.7	24.6±2.9	14.2	13.0	10.5	9.7	9.6	11.4±2.1
	B-cell CLL/lymphoma 11A (zinc finger protein)	222891_s_at	59.1	47.1	53.5	45.8	54.6	52.0±5.5	31.3	30.4	22.5	29.5	27.4	28.2±3.5
BCLAF1	BCL2-associated transcription factor 1	201083_s_at	36.5	34.9	43.6	40.2	45.9	40.2±4.6	43.7	38.2	33.6	39.8	38.0	38.7±3.6
	BCL2-associated transcription factor 1	201084_s_at	128.9	101.9	131.3	128.2	144.4	126.9±15.5	111.0	107.4	112.4	108.8	112.8	110.5±2.3
	BCL2-associated transcription factor 1	201101_s_at	30.4	27.4	38.2	32.5	30.4	31.8±4.0	30.6	32.9	39.5	30.5	39.7	34.6±4.6
	BCL2-associated transcription factor 1	214499_s_at	31.7	19.8	34.8	30.6	30.9	29.6±5.7	30.7	26.9	26.9	26.7	27.7	27.8±1.7
BDP1	B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB	226290_at	25.6	18.7	23.5	27.1	27.1	24.4±3.5	26.4	19.6	20.6	20.8	22.2	21.9±2.7
BLZF1	basic leucine zipper nuclear factor 1 (JEM-1)	203840_at	6.7	6.4	11.2	12.0	10.1	9.3±2.6	10.5	7.4	8.2	10.5	10.2	9.4±1.5
BMI1	polycomb group ring finger 4	202265_at	34.1	27.4	31.9	32.1	32.4	31.6±2.5	32.7	33.6	31.8	31.9	30.3	32.1±1.2
BRCA1	breast cancer 1, early onset	204531_s_at	27.3	20.7	25.5	26.8	26.2	25.3±2.7	23.1	21.8	24.5	20.0	19.4	21.7±2.1
BRCA2	breast cancer 2, early onset	208368_s_at	14.8	12.9	10.2	14.7	13.6	13.3±1.9	14.2	12.5	11.5	14.4	10.3	12.6±1.7
BRD8	bromodomain containing 8	202227_s_at	40.2	33.7	46.5	30.7	40.8	38.4±6.3	37.4	34.1	39.2	33.4	33.6	35.5±2.6
BTAF1	BTAF1 RNA polymerase II, B-TFIID transcription factor-associated, 170kDa (Mot1 homolog, S. cerevisiae)	209430_at	35.6	25.3	25.8	27.8	31.4	29.2±4.3	27.0	24.8	32.0	26.9	25.1	27.2±2.9
BTF3	basic transcription factor 3	208517_x_at	326.0	250.3	320.6	295.2	286.5	295.7±30.3	308.9	314.4	327.6	307.6	310.2	313.7±8.2
	basic transcription factor 3	211939_x_at	375.2	301.7	354.9	329.3	306.6	333.5±31.4	351.8	359.3	365.5	353.4	369.0	359.8±7.5

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BTF3L4	basic transcription factor 3-like 4	225976_at	29.4	20.3	29.6	28.5	28.1	27.2±3.9	25.3	24.8	29.6	25.1	25.9	26.1±2.0
	basic transcription factor 3-like 4	226963_at	37.2	31.3	41.3	38.4	36.8	37.0±3.6	40.7	39.0	43.0	41.0	42.7	41.3±1.7
BUD31	maternal G10 transcript	205690_s_at	52.6	34.6	39.3	40.3	49.8	43.3±7.6	47.2	43.7	45.6	42.3	40.0	43.8±2.8
CAMTA1	calmodulin binding transcription activator 1	225692_at	58.1	45.0	70.5	49.7	56.9	56.0±9.7	72.7	72.6	65.0	71.4	55.8	67.5±7.3
	calmodulin binding transcription activator 1	225693_s_at	39.9	36.6	45.3	40.5	33.9	39.2±4.3	37.4	41.1	49.0	38.1	37.2	40.6±5.0
<b>CBFB</b>	<b>core-binding factor, beta subunit</b>	<b>202370_s_at</b>	<b>3.6</b>	<b>4.0</b>	<b>4.0</b>	<b>6.1</b>	<b>4.2</b>	<b>4.4±1.0</b>	<b>19.4</b>	<b>19.7</b>	<b>17.9</b>	<b>24.4</b>	<b>20.1</b>	<b>20.3±2.5</b>
CBX3	chromobox homolog 3 (HP1 gamma homolog, Drosophila)	200037_s_at	181.0	169.9	218.1	200.3	216.8	197.2±21.4	224.5	220.7	222.4	216.5	235.6	223.9±7.2
	chromobox homolog 3 (HP1 gamma homolog, Drosophila)	201091_s_at	87.8	70.4	92.7	94.9	97.6	88.7±10.8	103.4	102.2	103.8	96.9	115.5	104.4±6.8
CBX4	chromobox homolog 4 (Pc class homolog, Drosophila)	227558_at	24.3	13.7	15.6	19.4	24.4	19.5±4.9	8.2	7.3	9.2	12.4	10.0	9.4±1.9
CCNT2	cyclin T2	204645_at	12.9	6.8	8.8	9.8	9.3	9.5±2.2	10.4	6.9	7.9	8.9	9.2	8.7±1.3
CDCA7	cell division cycle associated 7	224428_s_at	31.7	20.2	23.1	24.9	34.7	26.9±6.1	16.1	18.2	15.1	17.3	18.0	16.9±1.3
CDCA7L	cell division cycle associated 7-like	225081_s_at	21.7	18.6	24.7	23.1	25.3	22.7±2.7	16.2	18.2	19.8	17.0	17.3	17.7±1.4
CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	212501_at	32.5	22.7	28.2	27.1	28.6	27.8±3.5	19.9	16.2	17.9	17.3	14.5	17.1±2.0
CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma	204203_at	15.8	9.1	10.1	12.5	14.9	12.5±2.9	9.9	9.5	10.3	8.2	10.5	9.7±0.9
	CCAAT/enhancer binding protein (C/EBP), gamma	225527_at	13.4	6.9	9.6	11.5	11.5	10.6±2.5	10.5	10.1	9.7	7.7	10.9	9.8±1.2
CEBPZ	CCAAT/enhancer binding protein zeta	203341_at	34.6	28.9	30.8	32.9	42.5	34.0±5.3	40.0	30.0	32.1	33.3	31.5	33.4±3.9
CHD2	chromodomain helicase DNA binding protein 2	1554014_at	11.9	8.5	10.6	6.7	8.6	9.3±2.0	10.4	15.2	14.0	10.5	7.8	11.6±3.0
	chromodomain helicase DNA binding protein 2	225951_s_at	49.5	40.9	54.7	49.8	57.9	50.6±6.4	43.3	39.3	46.8	41.1	39.9	42.1±3.1
CIP29	cytokine induced protein 29 kDa	224914_s_at	65.5	44.5	57.4	58.7	72.5	59.7±10.4	49.0	38.2	47.1	40.3	44.5	43.8±4.5
CITED2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	207980_s_at	24.4	20.3	27.1	21.1	24.7	23.5±2.8	28.5	24.3	32.0	21.2	22.0	25.6±4.6
	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	209357_at	35.1	33.7	41.7	29.8	35.1	35.1±4.3	51.2	35.5	41.8	38.6	31.2	39.7±7.6
CNBP	zinc finger protein 9 (a cellular retroviral nucleic acid binding protein)	206158_s_at	148.7	123.6	144.2	151.4	162.1	146.0±14.1	181.7	167.2	182.0	172.0	161.2	172.8±9.1
CNOT1	CCR4-NOT transcription complex, subunit 1	200860_s_at	56.0	46.6	48.9	49.1	59.3	52.0±5.4	49.4	53.8	60.2	48.5	49.0	52.2±5.0
	CCR4-NOT transcription complex, subunit 1	200861_at	22.5	11.7	14.7	15.4	18.1	16.5±4.0	15.3	17.8	15.0	14.7	13.2	15.2±1.7
CNOT10	CCR4-NOT transcription complex, subunit 10	223219_s_at	30.0	23.8	29.9	29.0	34.7	29.5±3.9	27.6	22.5	30.8	24.4	24.0	25.9±3.3
CNOT2	CCR4-NOT transcription complex, subunit 2	222182_s_at	21.0	14.5	19.3	21.3	19.3	19.1±2.7	20.8	16.5	17.3	22.3	22.1	19.8±2.8
CNOT6	CCR4-NOT transcription complex, subunit 6	217970_s_at	14.9	11.9	15.8	13.6	13.1	13.9±1.5	19.6	17.2	19.3	17.7	15.6	17.8±1.6
	CCR4-NOT transcription complex, subunit 6	222476_at	23.0	17.8	22.1	23.1	23.1	21.8±2.3	40.8	38.0	36.3	33.2	35.0	36.7±2.9
CNOT6L	CCR4-NOT transcription complex, subunit 6-like	226153_s_at	13.3	8.9	13.5	15.3	13.2	12.8±2.4	15.8	12.3	11.4	15.7	14.9	14.0±2.0
CNOT7	CCR4-NOT transcription complex, subunit 7	218250_s_at	46.4	33.6	42.1	42.3	41.7	41.2±4.7	49.1	40.2	46.1	41.3	44.9	44.3±3.6
	CCR4-NOT transcription complex, subunit 7	225053_at	62.4	44.9	54.8	60.9	60.9	56.8±7.2	51.0	57.9	61.5	63.5	50.0	56.8±6.1
CNOT8	CCR4-NOT transcription complex, subunit 8	202162_s_at	22.4	12.0	18.5	18.5	19.0	18.1±3.8	19.9	16.5	21.3	16.8	18.4	18.6±2.1
	CCR4-NOT transcription complex, subunit 8	202163_s_at	22.1	16.5	25.3	19.9	21.4	21.0±3.2	22.5	19.7	20.8	18.3	21.6	20.6±1.6
	CCR4-NOT transcription complex, subunit 8	202164_s_at	29.3	16.6	28.0	28.1	28.6	26.1±5.3	30.0	27.4	31.5	28.1	28.6	29.1±1.6
COPS2	COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis)	202467_s_at	72.1	53.2	74.2	63.4	53.1	63.2±10.0	71.3	75.0	74.4	69.4	61.9	70.4±5.3
	COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis)	209838_at	11.9	8.6	8.9	9.8	13.4	10.5±2.1	7.7	6.5	6.6	7.3	8.7	7.4±0.9
COPS5	COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis)	201652_at	83.2	52.4	76.8	67.7	78.3	71.7±12.1	95.7	87.8	87.9	84.3	88.4	88.8±4.2
CREB1	cAMP responsive element binding protein 1	204312_x_at	14.9	9.5	11.7	10.6	10.1	11.4±2.1	9.1	11.0	10.1	7.3	10.5	9.6±1.4
	cAMP responsive element binding protein 1	204313_s_at	29.4	24.0	27.1	22.0	19.4	24.4±4.0	26.1	22.4	21.0	20.0	22.7	22.4±2.3
	cAMP responsive element binding protein 1	204314_s_at	38.9	24.4	31.5	33.6	37.8	33.2±5.8	33.8	27.3	22.5	25.0	29.8	27.7±4.4
CREBL2	cAMP responsive element binding protein-like 2	201989_s_at	16.2	11.5	14.6	15.7	12.8	14.1±2.0	14.6	14.8	14.5	16.7	13.6	14.9±1.1
	cAMP responsive element binding protein-like 2	201990_s_at	8.5	7.4	8.4	8.8	7.0	8.0±0.8	8.3	9.8	10.9	10.7	9.0	9.7±1.1
CREG1	cellular repressor of E1A-stimulated genes 1	201200_at	127.7	97.8	125.2	122.4	124.7	119.6±12.3	132.6	119.6	126.0	115.1	121.4	122.9±6.7
CRSP2	cofactor required for Sp1 transcriptional activation, subunit 2, 150kDa	202610_s_at	9.2	7.3	9.1	10.1	10.0	9.2±1.1	9.0	8.6	8.2	7.3	8.1	8.2±0.6

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CRSP3	cofactor required for Sp1 transcriptional activation, subunit 3, 130kDa	218846_at	13.3	9.5	13.2	14.4	11.9	12.4±1.9	17.2	12.4	12.7	18.5	13.9	14.9±2.8
CRSP6	cofactor required for Sp1 transcriptional activation, subunit 6, 77kDa	221517_s_at	10.0	7.7	7.8	8.2	7.0	8.2±1.1	10.7	10.9	11.1	8.7	12.7	10.8±1.4
CRSP8	cofactor required for Sp1 transcriptional activation, subunit 8, 34kDa	51176_at	11.8	8.9	12.0	11.8	13.7	11.6±1.7	10.9	11.8	13.6	10.7	11.8	11.7±1.1
CRSP9	cofactor required for Sp1 transcriptional activation, subunit 9, 33kDa	204349_at	21.6	15.8	26.0	18.6	21.0	20.6±3.8	21.2	22.2	20.7	21.1	20.5	21.1±0.7
	cofactor required for Sp1 transcriptional activation, subunit 9, 33kDa	204350_s_at	14.8	12.1	18.5	17.6	14.2	15.4±2.6	14.4	15.2	18.2	17.3	17.3	16.5±1.6
CSDA	cold shock domain protein A	201160_s_at	95.0	84.5	108.4	84.7	100.8	94.7±10.3	75.6	68.5	71.7	82.8	73.6	74.4±5.4
	cold shock domain protein A	201161_s_at	15.6	13.6	26.5	14.8	19.7	18.0±5.3	18.4	13.1	20.7	16.2	15.0	16.7±2.9
CTCF	CCCTC-binding factor (zinc finger protein)	202521_at	21.8	17.8	23.4	22.7	25.7	22.3±2.9	19.1	21.4	21.6	17.7	21.9	20.3±1.8
CTNNB1	catenin (cadherin-associated protein), beta 1, 88kDa	201533_at	18.7	18.9	24.0	18.7	19.2	19.9±2.3	18.9	24.9	21.8	21.6	26.8	22.8±3.1
CXXC1	CXXC finger 1 (PHD domain)	48580_at	13.2	8.3	11.1	9.6	11.1	10.6±1.8	11.4	9.1	11.4	10.9	10.6	10.7±0.9
DCP1A	DCP1 decapping enzyme homolog A ( <i>S. cerevisiae</i> )	225443_at	14.3	7.8	11.6	12.3	10.8	11.4±2.4	12.2	10.0	9.4	10.3	10.0	10.4±1.1
DDIT3	DNA-damage-inducible transcript 3	209383_at	17.1	11.2	7.1	8.2	8.2	10.3±4.0	12.5	10.5	13.6	11.0	8.8	11.3±1.9
DDX20	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20	223331_s_at	21.2	17.3	17.1	20.3	16.0	18.4±2.2	19.8	20.1	18.7	19.8	19.1	19.5±0.6
DEDD2	death effector domain containing 2	225434_at	11.2	10.1	13.1	11.6	16.6	12.5±2.5	13.5	8.6	12.8	11.6	13.7	12.0±2.1
DEK	DEK oncogene (DNA binding)	200934_at	236.2	197.9	223.2	213.6	227.2	219.6±14.6	204.1	201.6	211.8	192.7	219.0	205.8±10.0
DMTF1	cyclin D binding myb-like transcription factor 1	203301_s_at	14.1	9.8	14.7	6.8	13.1	11.7±3.3	10.7	10.2	11.8	9.4	11.8	10.8±1.0
DR1	down-regulator of transcription 1, TBP-binding (negative cofactor 2)	207654_x_at	18.6	14.1	21.0	16.8	15.9	17.3±2.7	17.3	16.4	21.2	17.0	16.7	17.7±2.0
	down-regulator of transcription 1, TBP-binding (negative cofactor 2)	209187_at	55.7	46.0	53.8	44.8	51.9	50.4±4.9	49.9	48.5	48.6	42.6	46.5	47.2±2.8
	down-regulator of transcription 1, TBP-binding (negative cofactor 2)	209188_x_at	17.8	15.1	17.0	16.4	16.1	16.5±1.0	17.8	17.2	19.6	17.2	17.1	17.8±1.0
	down-regulator of transcription 1, TBP-binding (negative cofactor 2)	216652_s_at	12.8	8.0	11.3	12.4	11.1	11.1±1.9	9.1	12.5	15.9	13.2	10.8	12.3±2.6
DRAP1	DR1-associated protein 1 (negative cofactor 2 alpha)	203258_at	13.3	6.9	10.5	11.9	9.9	10.5±2.4	14.9	11.6	12.7	14.0	12.6	13.2±1.3
DRG1	developmentally regulated GTP binding protein 1	202810_at	58.8	52.0	55.4	58.0	61.0	57.0±3.5	53.1	54.1	60.5	50.4	46.5	52.9±5.2
E2F2	E2F transcription factor 2	228361_at	14.7	9.5	11.5	12.4	16.3	12.9±2.6	10.7	12.0	14.3	8.4	11.0	11.3±2.1
E2F3	E2F transcription factor 3	203693_s_at	8.6	6.0	8.0	8.2	8.1	7.8±1.0	11.1	11.5	9.9	11.0	13.1	11.3±1.2
E2F7	E2F transcription factor 7	228033_at	21.4	14.8	18.2	17.9	16.5	17.7±2.4	17.4	15.8	16.9	14.9	10.6	15.1±2.7
E2F8	E2F transcription factor 8	219990_at	59.0	36.1	49.2	48.0	49.5	48.4±8.1	37.6	34.7	37.1	25.2	28.4	32.6±5.5
ECD	suppressor of <i>S. cerevisiae</i> gcr2	203013_at	13.6	11.6	12.9	11.5	11.6	12.2±1.0	11.5	12.5	14.8	14.6	12.1	13.1±1.5
EDF1	endothelial differentiation-related factor 1	209058_at	59.4	45.7	59.1	63.4	70.2	59.6±8.9	60.0	53.0	62.5	58.7	59.3	58.7±3.5
	endothelial differentiation-related factor 1	209059_s_at	54.2	40.1	62.9	58.1	63.4	55.7±9.5	52.4	40.9	54.1	50.5	44.8	48.5±5.5
EED	embryonic ectoderm development	209572_s_at	35.8	27.5	32.8	37.8	36.1	34.0±4.0	44.7	35.7	39.4	41.7	41.3	40.5±3.3
<b>EGR1</b>	<b>early growth response 1</b>	<b>201694_s_at</b>	<b>1.6</b>	<b>3.9</b>	<b>7.9</b>	<b>3.6</b>	<b>6.4</b>	<b>4.7±2.5</b>	<b>9.3</b>	<b>15.0</b>	<b>14.8</b>	<b>15.2</b>	<b>11.4</b>	<b>13.1±2.6</b>
ELF1	E74-like factor 1 (ets domain transcription factor)	212418_at	24.7	15.2	21.8	23.5	28.2	22.7±4.8	34.1	33.7	32.2	34.0	39.0	34.6±2.6
	E74-like factor 1 (ets domain transcription factor)	212420_at	22.2	16.0	24.9	19.9	26.5	21.9±4.2	36.4	34.9	30.3	36.9	46.3	36.9±5.8
ELF2	E74-like factor 2 (ets domain transcription factor)	203822_s_at	17.2	15.4	16.5	13.2	13.7	15.2±1.7	15.3	13.2	11.3	14.1	12.5	13.3±1.5
	E74-like factor 2 (ets domain transcription factor)	210361_s_at	6.9	11.3	10.5	8.0	10.2	9.4±1.9	11.0	11.5	9.7	9.0	12.0	10.6±1.2
<b>ELK1</b>	<b>ELK1, member of ETS oncogene family</b>	<b>203617_x_at</b>	<b>5.4</b>	<b>8.1</b>	<b>6.0</b>	<b>2.7</b>	<b>5.4</b>	<b>5.5±1.9</b>	<b>15.6</b>	<b>13.1</b>	<b>13.3</b>	<b>12.4</b>	<b>12.4</b>	<b>13.4±1.3</b>
ELL2	elongation factor, RNA polymerase II, 2	214446_at	9.6	8.8	9.4	9.6	7.0	8.9±1.1	12.0	9.3	11.1	8.5	7.1	9.6±2.0
	elongation factor, RNA polymerase II, 2	226099_at	69.7	60.3	75.0	64.2	66.2	67.1±5.6	88.2	86.9	79.7	73.6	86.3	82.9±6.2
	elongation factor, RNA polymerase II, 2	226982_at	24.9	19.4	25.1	21.4	24.0	23.0±2.5	36.9	34.7	37.2	32.6	28.3	33.9±3.7
EPC1	enhancer of polycomb homolog 1 ( <i>Drosophila</i> )	225417_at	14.4	14.1	15.3	13.8	16.4	14.8±1.0	14.7	12.5	14.6	14.5	13.2	13.9±1.0
	enhancer of polycomb homolog 1 ( <i>Drosophila</i> )	234969_s_at	26.8	20.3	27.3	22.7	27.8	25.0±3.3	22.3	23.7	17.6	23.1	20.2	21.4±2.5
EZH2	enhancer of zeste homolog 2 ( <i>Drosophila</i> )	203358_s_at	35.2	22.7	33.8	28.9	31.2	30.4±4.9	24.5	21.2	24.8	20.7	23.1	22.9±1.9
FAM48A	family with sequence similarity 48, member A	220408_x_at	13.5	14.9	11.3	16.4	10.5	13.3±2.5	12.1	12.4	10.8	12.0	10.7	11.6±0.8

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
	family with sequence similarity 48, member A	221774_x_at	12.4	9.5	11.4	14.6	12.6	12.1±1.8	12.1	9.6	11.2	10.0	8.5	10.3±1.4
	family with sequence similarity 48, member A	226330_s_at	23.4	17.3	25.6	20.4	19.4	21.2±3.3	17.5	17.0	17.8	15.6	15.1	16.6±1.2
FOXJ3	forkhead box J3	206015_s_at	14.2	9.7	14.7	13.0	16.3	13.1±2.5	15.4	11.1	13.1	13.3	12.5	13.1±1.5
FOXO3	forkhead box O3	1569477_at	11.7	6.3	7.5	5.9	7.2	7.7±2.3	16.1	13.4	10.3	8.9	13.4	12.4±2.8
	forkhead box O3	204131_s_at	43.6	32.0	40.8	31.7	37.1	37.0±5.3	57.6	54.0	49.0	44.1	49.4	50.8±5.2
	forkhead box O3	204132_s_at	16.7	11.9	16.3	13.0	14.5	14.5±2.1	20.1	19.7	17.5	15.0	18.1	18.1±2.0
	forkhead box O3	242320_at	27.1	14.2	13.4	15.3	17.7	17.5±5.6	22.3	24.4	13.6	13.0	19.4	18.5±5.1
FOXP1	forkhead box P1	223287_s_at	14.7	15.0	17.9	15.5	19.4	16.5±2.0	18.4	14.2	12.0	18.4	15.0	15.6±2.8
	forkhead box P1	224837_at	19.5	20.2	21.0	21.4	21.6	20.7±0.9	19.9	15.0	14.9	21.4	20.0	18.3±3.0
	forkhead box P1	224838_at	7.7	7.8	10.5	8.6	12.3	9.4±2.0	11.6	7.4	8.2	9.5	10.4	9.4±1.7
FUBP1	far upstream element (FUSE) binding protein 1	203091_at	12.3	13.0	17.7	15.0	13.6	14.3±2.2	10.2	15.1	15.5	15.0	11.1	13.4±2.5
	far upstream element (FUSE) binding protein 1	214093_s_at	23.4	16.7	17.5	17.0	19.5	18.8±2.8	19.4	7.5	18.0	18.5	19.9	16.7±5.2
FUBP3	far upstream element (FUSE) binding protein 3	212824_at	22.0	16.8	22.0	17.1	21.3	19.8±2.6	21.0	22.2	16.2	20.0	30.9	22.0±5.4
FUS	fusion (involved in t(12;16) in malignant liposarcoma)	1565717_s_at	12.0	7.4	11.2	9.2	22.9	12.5±6.1	8.7	13.5	11.5	8.2	17.7	11.9±3.9
	fusion (involved in t(12;16) in malignant liposarcoma)	200959_at	14.8	18.9	24.8	17.2	27.0	20.5±5.2	18.9	14.6	20.7	13.3	18.1	17.1±3.1
GABPA	GA binding protein transcription factor, alpha subunit 60kDa	227428_at	7.0	7.5	7.2	10.0	9.3	8.2±1.4	9.8	9.7	10.0	9.7	9.2	9.7±0.3
GABPB2	GA binding protein transcription factor, beta subunit 2	204618_s_at	15.6	8.8	9.8	10.6	13.6	11.7±2.8	8.8	10.5	11.4	8.5	12.3	10.3±1.7
GATA1	GATA binding protein 1 (globin transcription factor 1)	1555590_a_at	16.1	9.2	25.3	17.5	15.9	16.8±5.7	17.6	12.9	15.4	10.5	10.9	13.5±3.0
	GATA binding protein 1 (globin transcription factor 1)	210446_at	20.0	19.3	19.0	19.0	22.2	19.9±1.3	19.0	17.7	19.1	18.3	15.5	17.9±1.5
GFI1B	growth factor independent 1B (potential regulator of CDKN1A, translocated in CML)	208501_at	40.7	31.5	44.5	39.0	39.8	39.1±4.7	24.2	26.2	31.8	23.9	25.1	26.2±3.2
	growth factor independent 1B (potential regulator of CDKN1A, translocated in CML)	237403_at	91.9	77.8	113.8	77.5	96.2	91.4±15.0	56.4	62.2	58.1	45.5	43.8	53.2±8.1
GTF2A1	general transcription factor IIA, 1, 19/37kDa	225433_at	32.2	23.7	25.7	24.5	33.0	27.8±4.4	35.5	34.8	32.8	25.5	33.7	32.5±4.0
GTF2A2	general transcription factor IIA, 2, 12kDa	202678_at	87.0	63.7	79.1	86.2	81.3	79.4±9.4	71.8	67.8	79.4	67.3	68.3	70.9±5.1
GTF2B	general transcription factor IIB	208066_s_at	48.4	29.8	39.7	39.2	37.0	38.8±6.7	48.4	47.4	49.3	46.5	46.0	47.5±1.4
GTF2E1	general transcription factor IIE, polypeptide 1, alpha 56kDa	205930_at	14.8	11.5	11.9	13.7	14.9	13.4±1.6	15.1	11.5	15.2	13.8	13.5	13.8±1.5
GTF2E2	general transcription factor IIE, polypeptide 2, beta 34kDa	202680_at	7.6	6.3	8.8	8.1	10.2	8.2±1.5	9.9	11.7	11.4	9.7	11.4	10.8±0.9
GTF2F2	general transcription factor IIF, polypeptide 2, 30kDa	209595_at	16.6	17.3	17.5	19.1	20.1	18.1±1.4	21.1	16.8	12.6	18.6	15.8	17.0±3.1
GTF2H1	general transcription factor IIH, polypeptide 1, 62kDa	202451_at	24.3	24.5	27.8	28.3	28.5	26.6±2.1	30.3	29.1	25.5	25.8	27.6	27.7±2.0
	general transcription factor IIH, polypeptide 1, 62kDa	202453_s_at	9.6	6.2	8.1	9.5	8.8	8.4±1.4	9.9	8.7	12.3	10.1	8.8	10.0±1.5
GTF2H2	general transcription factor IIH, polypeptide 2, 44kDa	221540_x_at	17.3	15.7	21.9	30.0	20.0	21.0±5.6	27.4	17.3	17.5	27.0	26.0	23.0±5.2
	general transcription factor IIH, polypeptide 2, 44kDa	223758_s_at	25.8	11.3	22.0	34.2	31.4	24.9±9.0	27.6	21.1	24.7	38.2	31.9	28.7±6.6
GTF2H5	general transcription factor IIH, polypeptide 5	213357_at	32.1	28.0	34.8	34.0	32.9	32.4±2.6	40.6	39.9	38.7	35.8	38.6	38.7±1.8
GTF2I	general transcription factor II, i	201065_s_at	24.9	26.6	29.5	26.0	32.5	27.9±3.1	28.9	30.5	28.6	25.7	27.3	28.2±1.8
	general transcription factor II, i	210891_s_at	37.0	28.7	43.0	45.3	48.8	40.6±7.9	40.8	32.0	48.0	40.2	40.7	40.3±5.7
GTF2IRD2	GTF2I repeat domain containing 2	228765_at	15.9	9.4	15.2	11.5	15.8	13.6±3.0	15.7	13.5	15.9	12.7	11.3	13.8±1.9
GTF3A	general transcription factor IIIA	201338_x_at	104.9	98.4	108.7	103.7	131.9	109.5±13.0	102.7	118.8	114.8	113.6	101.8	110.3±7.6
	general transcription factor IIIA	215091_s_at	128.9	105.6	120.9	129.3	151.0	127.1±16.4	132.8	138.7	130.5	138.1	127.8	133.6±4.7
GTF3C2	general transcription factor IIIC, polypeptide 2, beta 110kDa	204366_s_at	9.4	10.9	10.6	11.6	11.2	10.7±0.8	12.7	9.7	11.0	14.7	11.0	11.8±1.9
	general transcription factor IIIC, polypeptide 2, beta 110kDa	212429_s_at	9.8	8.5	13.1	9.8	12.2	10.7±1.9	12.1	11.1	12.9	12.0	8.4	11.3±1.7
GTF3C3	general transcription factor IIIC, polypeptide 3, 102kDa	218343_s_at	20.3	17.8	22.1	21.1	20.1	20.3±1.6	20.8	22.5	24.5	19.9	23.2	22.2±1.9
	general transcription factor IIIC, polypeptide 3, 102kDa	222604_at	8.8	6.0	11.6	11.2	10.0	9.5±2.3	7.7	10.2	7.2	10.4	6.2	8.4±1.9
GTF3C5	general transcription factor IIIC, polypeptide 5, 63kDa	233173_x_at	8.3	6.1	9.9	8.2	10.0	8.5±1.6	9.4	8.7	10.7	8.0	7.1	8.8±1.4
GZF1	GDNF-inducible zinc finger protein 1	225884_s_at	9.5	7.3	9.5	9.2	9.8	9.1±1.0	10.5	9.0	9.7	9.4	9.1	9.6±0.6
HBP1	HMG-box transcription factor 1	209102_s_at	28.1	22.6	27.8	17.0	25.7	24.2±4.6	30.1	33.5	32.7	25.3	22.1	28.7±4.9
HCLS1	hematopoietic cell-specific Lyn substrate 1	202957_at	15.0	9.7	15.2	15.2	14.8	14.0±2.4	22.5	16.2	20.4	19.2	17.9	19.2±2.4

Gene Name	Description	Probe Set ID	Low-HbF							High-HbF				
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
HES6	hairy and enhancer of split 6 (Drosophila)	226446_at	66.6	66.2	93.0	66.3	90.4	76.9±13.9	44.8	48.6	64.2	35.7	33.6	45.4±12.2
<b>HHEX</b>	<b>hematopoietically expressed homeobox</b>	<b>215933_s_at</b>	<b>1.8</b>	<b>2.7</b>	<b>3.9</b>	<b>2.2</b>	<b>3.4</b>	<b>2.8±0.9</b>	<b>10.7</b>	<b>9.8</b>	<b>12.6</b>	<b>11.1</b>	<b>11.1</b>	<b>11.1±1.0</b>
HIF1A	hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	200989_at	68.4	56.0	66.0	59.6	67.0	63.4±5.3	57.4	54.4	50.9	55.4	52.9	54.2±2.5
HMG20A	high-mobility group 20A	218152_at	14.8	14.5	16.6	14.8	15.6	15.2±0.9	15.2	16.6	16.2	14.0	14.0	15.2±1.2
HMG2L1	high-mobility group protein 2-like 1	212596_s_at	35.4	31.5	37.4	27.5	33.1	33.0±3.8	26.3	26.5	25.1	26.4	30.9	27.0±2.2
	high-mobility group protein 2-like 1	212597_s_at	28.1	17.8	26.9	24.9	22.5	24.0±4.1	17.1	17.8	19.9	19.1	20.8	18.9±1.5
HMGA1	high mobility group AT-hook 1	206074_s_at	31.1	30.8	43.2	28.1	34.8	33.6±5.9	35.0	28.1	30.3	28.9	23.5	29.1±4.1
HMGB2	high-mobility group box 2	208808_s_at	545.0	452.5	558.0	467.8	498.8	504.4±46.3	456.2	450.0	471.3	426.2	460.7	452.9±16.8
HMGB3	high-mobility group box 3	203744_at	22.2	24.6	24.5	21.5	22.3	23.0±1.4	16.0	20.4	20.7	19.6	18.7	19.1±1.9
HMGN2	high-mobility group nucleosomal binding domain 2	208668_x_at	459.0	325.0	442.9	398.6	426.6	410.4±52.7	315.9	300.9	351.9	331.4	315.6	323.1±19.4
HSBP1	heat shock factor binding protein 1	200941_at	10.1	10.3	10.8	10.9	13.9	11.2±1.5	10.9	10.2	12.6	12.7	12.2	11.7±1.1
	heat shock factor binding protein 1	200942_s_at	42.7	31.4	36.6	37.5	36.0	36.8±4.1	36.4	38.5	33.9	40.0	37.7	37.3±2.3
HSF2	heat shock transcription factor 2	209657_s_at	13.5	10.7	12.8	12.6	16.1	13.2±1.9	15.3	17.4	16.8	13.2	17.9	16.1±1.9
HTATIP2	HIV-1 Tat interactive protein 2, 30kDa	207180_s_at	9.3	7.0	10.1	8.2	6.7	8.3±1.4	20.4	24.4	26.3	15.6	16.4	20.6±4.7
	HIV-1 Tat interactive protein 2, 30kDa	209448_at	26.0	23.1	33.0	17.1	22.5	24.3±5.8	48.2	55.7	61.9	47.3	45.2	51.7±6.9
<b>ID2</b>	<b>inhibitor of DNA binding 2, dominant negative helix-loop-helix protein</b>	<b>201565_s_at</b>	<b>63.3</b>	<b>34.7</b>	<b>59.3</b>	<b>56.3</b>	<b>59.9</b>	<b>54.7±11.5</b>	<b>174.1</b>	<b>142.3</b>	<b>143.3</b>	<b>195.2</b>	<b>154.1</b>	<b>161.8±22.6</b>
ILF2	interleukin enhancer binding factor 2, 45kDa	200052_s_at	98.8	75.6	96.8	101.8	111.6	96.9±13.2	96.6	108.4	110.3	98.3	108.0	104.3±6.4
ILF3	interleukin enhancer binding factor 3, 90kDa	211375_s_at	14.1	11.0	16.2	16.1	16.0	14.7±2.2	13.0	9.1	14.5	11.4	11.3	11.8±2.0
	interleukin enhancer binding factor 3, 90kDa	217805_at	8.5	7.5	10.8	10.4	10.3	9.5±1.4	8.3	6.5	7.6	8.5	5.0	7.2±1.4
ING2	inhibitor of growth family, member 2	205981_s_at	11.8	9.8	11.8	12.1	13.1	11.7±1.2	9.7	8.2	9.2	12.6	10.3	10.0±1.7
ING3	inhibitor of growth family, member 3	205070_at	37.8	26.7	32.3	31.5	36.9	33.0±4.5	35.8	35.7	31.5	31.8	31.6	33.3±2.2
	inhibitor of growth family, member 3	231863_at	13.7	9.2	12.2	13.7	13.6	12.5±1.9	17.2	12.5	13.1	13.7	14.4	14.2±1.8
ISGF3G	interferon-stimulated transcription factor 3, gamma 48kDa	203882_at	12.0	7.9	10.0	7.1	8.3	9.0±2.0	8.9	10.0	9.9	7.4	9.0	9.0±1.1
ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	205176_s_at	63.6	46.6	51.0	48.1	52.7	52.4±6.7	57.5	59.4	51.7	48.0	54.3	54.2±4.6
JARID1A	jumonji, AT rich interactive domain 1A (RBBP2-like)	202040_s_at	27.0	21.3	23.7	19.6	26.8	23.7±3.3	22.4	22.6	18.2	22.5	21.1	21.3±1.9
	jumonji, AT rich interactive domain 1A (RBBP2-like)	215698_at	14.8	8.8	11.7	14.6	14.0	12.8±2.5	20.4	14.2	16.5	12.8	12.6	15.3±3.3
JMD1C	jumonji domain containing 1C	221763_at	20.8	17.4	19.0	16.6	18.7	18.5±1.6	29.8	27.6	26.7	22.9	25.4	26.5±2.6
	jumonji domain containing 1C	224933_s_at	18.3	12.5	15.6	15.6	17.9	16.0±2.3	24.6	22.8	17.9	22.8	23.7	22.4±2.6
JMD2C	jumonji domain containing 2C	209984_at	7.0	7.6	8.3	8.3	8.9	8.0±0.7	8.9	11.0	11.2	10.1	8.8	10.0±1.1
JUNB	jun B proto-oncogene	201473_at	13.9	12.0	12.4	15.1	13.6	13.4±1.3	16.4	17.9	24.0	21.5	12.1	18.4±4.6
JUND	jun D proto-oncogene	203752_s_at	36.3	34.2	36.3	31.0	41.3	35.8±3.7	40.3	38.3	47.3	34.2	34.4	38.9±5.4
KLF1	Kruppel-like factor 1 (erythroid)	210504_at	77.7	69.4	96.7	75.4	90.3	81.9±11.2	63.6	55.7	68.5	58.0	38.9	56.9±11.2
KLF10	Kruppel-like factor 10	202393_s_at	55.2	44.8	60.2	54.3	63.2	55.5±7.0	69.7	59.5	67.1	66.0	67.3	65.9±3.8
KLF13	Kruppel-like factor 13	225390_s_at	25.1	25.5	40.2	26.3	32.1	29.8±6.4	20.8	18.1	24.7	20.3	17.7	20.3±2.8
KLF3	Kruppel-like factor 3 (basic)	225140_at	13.5	7.5	11.6	11.5	12.5	11.3±2.3	10.6	8.7	9.3	8.1	6.3	8.6±1.6
KLF6	Kruppel-like factor 6	224606_at	26.6	19.0	25.6	24.4	35.0	26.1±5.7	48.4	46.2	53.4	46.8	45.3	48.1±3.2
KLF9	Kruppel-like factor 9	203542_s_at	54.8	42.5	55.0	44.4	56.6	50.7±6.6	59.8	56.9	54.5	52.3	49.6	54.6±4.0
	Kruppel-like factor 9	203543_s_at	35.5	25.3	33.6	28.4	34.4	31.4±4.4	34.2	30.8	34.9	28.5	31.9	32.1±2.6
LASS2	LAG1 longevity assurance homolog 2 (S. cerevisiae)	222212_s_at	29.3	23.4	22.7	24.8	24.9	25.0±2.6	33.4	32.2	32.4	30.0	28.8	31.4±1.9
LMO2	LIM domain only 2 (rhombotin-like 1)	204249_s_at	132.9	99.1	138.5	138.1	143.0	130.3±17.8	101.9	68.8	75.4	98.5	83.9	85.7±14.3
<b>LRRFIP1</b>	<b>leucine rich repeat (in FLII) interacting protein 1</b>	<b>201862_s_at</b>	<b>8.7</b>	<b>7.5</b>	<b>10.2</b>	<b>11.2</b>	<b>8.1</b>	<b>9.1±1.5</b>	<b>28.9</b>	<b>21.9</b>	<b>22.2</b>	<b>27.2</b>	<b>29.1</b>	<b>25.9±3.6</b>
LYL1	lymphoblastic leukemia derived sequence 1	210044_s_at	36.9	22.5	27.8	21.7	33.4	28.4±6.7	26.6	17.2	23.8	21.2	21.9	22.1±3.5

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
LZTFL1	leucine zipper transcription factor-like 1	218437_s_at	12.7	9.4	10.5	11.3	11.8	11.1±1.3	9.5	8.4	10.3	11.5	10.1	10.0±1.1
<b>MAFF</b>	<b>v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)</b>	<b>36711_at</b>	<b>1.5</b>	<b>2.2</b>	<b>6.2</b>	<b>2.8</b>	<b>4.8</b>	<b>3.5±2.0</b>	<b>11.2</b>	<b>13.0</b>	<b>24.4</b>	<b>15.0</b>	<b>16.7</b>	<b>16.1±5.1</b>
MAX	MYC associated factor X	209332_s_at	19.4	15.9	17.8	21.4	18.9	18.7±2.0	26.9	22.1	22.0	25.9	24.4	24.2±2.2
MAZ	MYC-associated zinc finger protein (purine-binding transcription factor)	212064_x_at	12.3	15.3	12.2	14.0	13.9	13.5±1.3	13.5	14.0	8.4	11.1	8.8	11.2±2.6
MBD1	methyl-CpG binding domain protein 1	203353_s_at	11.3	10.3	12.8	10.3	11.6	11.3±1.0	9.6	8.7	12.2	11.0	9.5	10.2±1.4
MBD2	methyl-CpG binding domain protein 2	202484_s_at	15.1	14.0	18.1	17.3	21.2	17.1±2.8	21.3	17.7	18.2	20.1	19.0	19.3±1.4
MED31	mediator of RNA polymerase II transcription, subunit 31 homolog (yeast)	222867_s_at	16.3	12.9	21.4	19.5	16.9	17.4±3.2	13.0	19.7	25.0	17.4	13.9	17.8±4.8
MED4	mediator of RNA polymerase II transcription, subunit 4 homolog (yeast)	217843_s_at	33.0	32.9	37.7	35.3	39.6	35.7±2.9	42.1	37.8	32.5	30.9	31.4	35.0±4.8
	mediator of RNA polymerase II transcription, subunit 4 homolog (yeast)	222438_at	12.5	8.6	13.5	15.8	20.1	14.1±4.2	13.1	12.7	12.7	15.9	17.6	14.4±2.3
MED6	mediator of RNA polymerase II transcription, subunit 6 homolog (yeast)	207079_s_at	16.0	11.2	16.7	14.7	11.2	14.0±2.6	13.0	13.3	17.6	14.7	15.2	14.8±1.8
	mediator of RNA polymerase II transcription, subunit 6 homolog (yeast)	210104_at	13.9	7.7	13.6	13.1	7.1	11.1±3.4	9.3	14.1	14.0	12.4	12.9	12.5±2.0
MED8	mediator of RNA polymerase II transcription, subunit 8 homolog (yeast)	213126_at	10.6	8.0	13.9	14.9	17.5	13.0±3.7	5.6	5.6	9.7	6.3	7.3	6.9±1.7
	mediator of RNA polymerase II transcription, subunit 8 homolog (yeast)	213127_s_at	13.2	14.0	11.5	12.5	11.4	12.5±1.1	7.8	8.7	8.0	6.6	6.9	7.6±0.8
	mediator of RNA polymerase II transcription, subunit 8 homolog (yeast)	213696_s_at	19.6	12.2	17.9	14.7	17.7	16.4±2.9	8.2	9.5	11.0	10.4	10.7	9.9±1.1
MEF2A	MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A)	212535_at	6.6	7.2	5.5	6.5	6.7	6.5±0.6	9.2	9.2	9.5	8.8	9.6	9.3±0.3
MKL2	MKL/myocardin-like 2	218259_at	10.4	10.5	10.8	11.3	10.1	10.6±0.5	6.9	8.4	6.4	6.2	6.6	6.9±0.9
MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	1563321_s_at	11.4	7.8	15.6	10.3	10.0	11.0±2.9	11.0	10.6	9.9	9.0	10.9	10.3±0.8
MLL3	myeloid/lymphoid or mixed-lineage leukemia 3	222413_s_at	12.5	11.0	11.9	10.4	20.1	13.2±3.9	12.5	13.3	10.3	9.7	13.5	11.9±1.8
	myeloid/lymphoid or mixed-lineage leukemia 3	222414_at	11.1	11.1	15.1	13.9	14.1	13.0±1.9	10.6	11.5	13.6	11.6	10.5	11.6±1.2
	myeloid/lymphoid or mixed-lineage leukemia 3	222415_at	14.2	13.9	12.9	11.2	17.5	13.9±2.3	13.6	13.4	11.8	12.6	12.1	12.7±0.8
MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)	223189_x_at	24.5	18.0	22.0	17.8	23.4	21.1±3.1	19.9	16.8	15.4	17.7	20.4	18.0±2.1
	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)	223190_s_at	25.7	21.5	23.1	18.7	29.4	23.7±4.1	20.7	20.1	20.0	20.3	26.9	21.6±3.0
	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)	226100_at	8.7	7.3	11.5	9.0	11.4	9.6±1.8	11.9	6.9	9.0	8.3	8.6	8.9±1.8
MLLT10	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10	225992_at	15.6	11.6	13.2	11.1	13.7	13.1±1.8	11.6	12.4	14.2	12.9	14.4	13.1±1.2
MLX	MAX-like protein X	213708_s_at	17.7	14.5	11.3	14.5	16.5	14.9±2.4	12.6	11.3	10.3	12.7	12.6	11.9±1.1
	MAX-like protein X	217909_s_at	11.7	7.3	9.3	13.1	11.3	10.5±2.3	9.0	10.1	9.0	10.9	10.4	9.9±0.9
	MAX-like protein X	217910_x_at	12.0	8.1	13.0	12.7	9.8	11.1±2.1	6.0	9.6	7.6	8.0	10.2	8.3±1.7
<b>MNDA</b>	<b>myeloid cell nuclear differentiation antigen</b>	<b>204959_at</b>	<b>1.6</b>	<b>0.9</b>	<b>1.7</b>	<b>1.6</b>	<b>2.9</b>	<b>1.7±0.7</b>	<b>57.6</b>	<b>60.8</b>	<b>68.0</b>	<b>39.4</b>	<b>42.5</b>	<b>53.7±12.3</b>
MORF4	mortality factor 4 like 1	221381_s_at	74.0	60.8	68.1	73.0	69.5	69.1±5.2	79.1	80.2	91.4	71.1	75.8	79.5±7.5
MRPS25	mitochondrial ribosomal protein S25	225477_s_at	13.6	5.7	13.2	12.3	13.2	11.6±3.3	16.5	11.0	12.5	14.3	10.9	13.0±2.4
MSRB2	methionine sulfoxide reductase B2	218773_s_at	11.8	11.6	13.2	11.5	13.1	12.2±0.9	8.7	7.2	9.6	9.0	7.9	8.5±0.9
MTERFD3	MTERF domain containing 3	225346_at	9.9	7.9	10.0	11.0	10.1	9.8±1.1	10.6	8.4	7.6	7.1	9.0	8.6±1.4
MTF2	metal response element binding transcription factor 2	203345_s_at	68.0	47.7	65.9	51.2	66.7	59.9±9.7	53.5	61.4	63.7	57.3	70.7	61.3±6.6
	metal response element binding transcription factor 2	203346_s_at	34.7	24.8	32.2	28.5	34.5	30.9±4.2	30.6	29.9	27.9	29.8	26.7	29.0±1.6
	metal response element binding transcription factor 2	203347_s_at	13.4	10.2	13.4	11.0	11.7	12.0±1.5	11.7	10.3	13.6	9.1	11.2	11.1±1.7
MXI1	MAX interactor 1	202364_at	96.3	58.8	83.8	48.7	94.9	76.5±21.6	61.3	69.4	76.3	50.0	72.8	65.9±10.5
MYB	v-myb myeloblastosis viral oncogene homolog (avian)	204798_at	52.3	39.5	46.0	60.4	55.1	50.7±8.1	43.7	33.5	33.2	51.8	45.0	41.5±8.0
MYBL2	v-myb myeloblastosis viral oncogene homolog (avian)-like 2	201710_at	17.6	16.0	19.1	14.5	15.5	16.5±1.8	12.2	6.5	13.2	7.6	9.6	9.8±2.9
MYC	v-myc myelocytomatosis viral oncogene homolog (avian)	202431_s_at	41.1	31.5	40.6	35.5	38.9	37.5±4.0	42.6	31.3	31.3	38.8	41.8	37.1±5.5
MYNN	myoneurin	218926_at	13.1	8.8	10.5	10.5	13.5	11.3±2.0	12.7	12.3	11.9	11.7	11.7	12.1±0.5
	myoneurin	224206_x_at	19.5	13.9	18.1	18.2	18.4	17.6±2.2	15.7	17.2	17.6	15.8	14.5	16.2±1.3
NARG1	NMDA receptor regulated 1	219158_s_at	35.3	21.9	29.0	27.7	29.7	28.7±4.8	33.2	27.5	29.6	31.4	33.1	31.0±2.4
	NMDA receptor regulated 1	222837_s_at	16.9	12.6	15.7	15.2	15.4	15.2±1.6	16.5	17.0	15.8	12.8	14.2	15.2±1.7

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
	NMDA receptor regulated 1	226998_at	15.0	10.9	14.9	12.9	17.8	14.3±2.6	15.8	16.1	13.8	15.9	15.7	15.4±0.9
NCOA4	nuclear receptor coactivator 4	210774_s_at	261.0	197.0	235.6	191.5	201.0	217.2±29.9	226.2	293.0	286.2	240.5	272.0	263.6±29.1
NCOR1	nuclear receptor co-repressor 1	200854_at	9.9	7.2	9.6	11.6	11.2	9.9±1.7	12.6	11.9	9.6	10.0	9.2	10.6±1.5
	nuclear receptor co-repressor 1	200857_s_at	6.7	8.2	8.6	10.6	7.8	8.4±1.4	7.9	8.8	8.9	8.5	8.0	8.4±0.4
NEXN	nexilin (F actin binding protein)	212847_at	22.1	14.5	19.0	21.1	19.4	19.2±2.9	26.9	16.9	19.0	20.4	18.9	20.4±3.8
NFAT5	nuclear factor of activated T-cells 5, tonicity-responsive	208003_s_at	7.6	7.8	10.3	7.3	7.8	8.2±1.2	7.9	8.9	8.8	11.3	15.4	10.5±3.1
NFE2	nuclear factor (erythroid-derived 2), 45kDa	209930_s_at	74.3	63.2	72.5	68.1	75.6	70.7±5.1	60.2	61.6	66.7	54.1	43.6	57.2±8.8
NFE2L2	nuclear factor (erythroid-derived 2)-like 2	1567014_s_at	8.2	6.5	9.3	7.3	10.5	8.4±1.6	7.2	8.9	8.4	8.5	8.5	8.3±0.7
	nuclear factor (erythroid-derived 2)-like 2	201146_at	59.4	39.6	50.7	52.7	50.8	50.6±7.1	49.4	44.3	38.2	43.1	42.0	43.4±4.1
NFIA	nuclear factor I/A	224970_at	51.3	41.0	38.5	35.6	46.0	42.5±6.2	22.3	22.8	24.7	21.8	26.4	23.6±1.9
	nuclear factor I/A	224975_at	31.5	26.3	33.7	25.5	31.8	29.7±3.6	17.0	16.1	14.8	15.0	17.3	16.0±1.1
	nuclear factor I/A	224976_at	26.0	19.6	21.8	18.2	20.1	21.1±3.0	9.6	12.6	10.4	12.5	11.0	11.2±1.3
NFX1	nuclear transcription factor, X-box binding 1	1553103_at	25.7	19.1	24.6	25.2	24.5	23.8±2.7	19.9	18.2	19.8	20.4	21.0	19.9±1.0
	nuclear transcription factor, X-box binding 1	202584_at	11.4	15.0	9.0	8.4	13.7	11.5±2.9	13.7	14.2	13.1	13.2	11.1	13.1±1.2
NFYB	nuclear transcription factor Y, beta	218127_at	23.6	16.9	17.6	22.4	21.7	20.5±3.0	17.6	15.5	20.5	15.9	13.8	16.7±2.5
	nuclear transcription factor Y, beta	218128_at	11.1	7.7	10.7	12.7	13.6	11.2±2.3	7.4	7.4	7.9	7.1	7.7	7.5±0.3
	nuclear transcription factor Y, beta	218129_s_at	14.3	7.1	11.0	15.0	10.4	11.5±3.2	7.9	8.8	13.0	10.4	9.7	9.9±1.9
NMI	N-myc (and STAT) interactor	203964_at	82.3	62.1	82.9	73.6	72.6	74.7±8.5	84.7	77.8	87.5	80.1	81.1	82.3±3.9
NR2C1	nuclear receptor subfamily 2, group C, member 1	204791_at	19.7	12.7	15.6	13.8	16.6	15.7±2.7	11.6	11.1	11.8	11.1	10.6	11.2±0.5
NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	201865_x_at	32.0	22.1	27.7	27.4	27.1	27.3±3.5	28.7	20.3	17.9	25.0	23.8	23.1±4.2
	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	211671_s_at	27.6	16.6	21.0	22.0	19.2	21.3±4.1	21.4	15.2	16.7	19.4	20.9	18.7±2.7
	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	216321_s_at	21.6	17.5	20.7	19.5	20.7	20.0±1.6	19.8	15.6	16.7	18.2	16.7	17.4±1.6
NRBF2	nuclear receptor binding factor 2	221803_s_at	9.3	7.0	9.0	8.0	10.7	8.8±1.4	8.5	9.0	10.7	9.0	9.6	9.4±0.9
NRIP1	nuclear receptor interacting protein 1	202599_s_at	19.7	14.2	17.3	17.4	20.5	17.8±2.4	20.5	19.6	19.1	18.4	19.9	19.5±0.8
	nuclear receptor interacting protein 1	202600_s_at	38.3	33.2	37.4	40.9	40.0	38.0±3.0	34.5	38.6	33.6	36.4	37.1	36.0±2.0
NSEP1	nuclease sensitive element binding protein 1	208627_s_at	211.3	170.4	220.9	206.2	200.5	201.9±19.1	172.2	148.4	189.5	166.1	175.7	170.4±15.0
PAXIP1	PAX interacting (with transcription-activation domain) protein 1	212825_at	18.2	14.8	19.3	18.6	19.3	18.0±1.9	16.3	14.7	14.3	16.1	16.1	15.5±0.9
PCAF	p300/CBP-associated factor	203845_at	74.5	45.6	56.5	46.7	58.6	56.4±11.7	35.4	29.1	35.7	29.5	28.8	31.7±3.5
PHF1	PHD finger protein 1	40446_at	11.2	10.6	13.0	9.4	13.0	11.5±1.6	10.4	11.7	11.4	10.4	11.7	11.1±0.6
PHF10	PHD finger protein 10	219126_at	15.9	12.2	19.5	21.4	20.1	17.8±3.8	15.4	12.0	17.7	15.6	15.4	15.2±2.0
PHF19	PHD finger protein 19	227211_at	6.8	6.7	7.4	6.6	9.4	7.4±1.2	9.6	10.5	12.0	10.7	10.1	10.6±0.9
	PHD finger protein 19	227212_s_at	10.8	7.5	10.2	7.9	9.6	9.2±1.4	11.9	10.1	11.5	10.3	9.2	10.6±1.1
PHTF2	putative homeodomain transcription factor 2	209780_at	11.0	7.5	8.0	8.6	8.5	8.7±1.3	11.6	11.5	10.8	11.6	12.6	11.6±0.6
PIR	pirin (iron-binding nuclear protein)	207469_s_at	12.4	10.3	17.2	15.5	14.8	14.0±2.7	9.2	11.5	13.1	12.2	10.1	11.2±1.6
PLAGL1	pleiomorphic adenoma gene-like 1	207002_s_at	7.8	9.0	7.3	11.1	12.5	9.5±2.2	14.2	9.6	9.3	10.4	11.7	11.0±2.0
	pleiomorphic adenoma gene-like 1	209318_x_at	14.2	11.1	18.1	12.9	16.7	14.6±2.8	18.9	16.4	15.9	13.3	12.8	15.5±2.5
PMF1	polyamine-modulated factor 1	202337_at	13.8	11.2	13.2	14.6	15.4	13.7±1.6	16.0	15.5	17.4	13.8	14.6	15.4±1.4
PMS2L3	postmeiotic segregation increased 2-like 3	214473_x_at	11.6	7.7	11.4	9.7	11.3	10.3±1.7	13.5	11.3	11.8	12.8	14.8	12.8±1.4
	postmeiotic segregation increased 2-like 3	216525_x_at	14.7	8.9	14.7	14.1	11.6	12.8±2.6	13.7	16.6	21.2	16.8	21.7	18.0±3.4
POLE3	polymerase (DNA directed), epsilon 3 (p17 subunit)	208828_at	79.0	69.4	89.3	87.2	71.0	79.2±9.1	74.9	72.7	84.3	71.4	70.0	74.6±5.7
POLR1B	polymerase (RNA) I polypeptide B, 128kDa	223403_s_at	13.9	10.1	15.6	14.9	14.5	13.8±2.2	18.7	16.8	17.7	20.1	19.6	18.6±1.3
POLR1C	polymerase (RNA) I polypeptide C, 30kDa	207515_s_at	6.6	5.8	6.5	8.3	10.0	7.5±1.7	8.3	9.3	11.8	11.5	12.6	10.7±1.8
	polymerase (RNA) I polypeptide C, 30kDa	209317_at	9.7	7.5	10.5	11.2	12.3	10.2±1.8	15.3	12.1	11.8	13.9	12.9	13.2±1.4
POLR1D	polymerase (RNA) I polypeptide D, 16kDa	218258_at	88.9	80.0	105.6	95.2	84.6	90.9±10.0	103.5	109.4	123.9	111.4	100.6	109.8±9.0
	polymerase (RNA) I polypeptide D, 16kDa	224857_s_at	12.5	12.8	12.8	11.3	13.6	12.6±0.8	29.7	18.8	19.6	24.6	16.3	21.8±5.3

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
	polymerase (RNA) I polypeptide D, 16kDa	224874_at	20.6	18.3	22.0	20.8	22.0	20.7±1.5	24.6	24.8	26.4	25.7	25.4	25.4±0.7
POLR2B	polymerase (RNA) II (DNA directed) polypeptide B, 140kDa	1555837_s_at	87.9	69.1	84.9	85.1	93.0	84.0±8.9	87.5	87.3	96.7	92.7	94.9	91.8±4.3
	polymerase (RNA) II (DNA directed) polypeptide B, 140kDa	201803_at	69.9	45.7	64.9	61.9	73.0	63.1±10.6	63.5	64.6	67.4	56.9	67.0	63.9±4.2
POLR2C	polymerase (RNA) II (DNA directed) polypeptide C, 33kDa	208996_s_at	11.3	9.9	10.4	16.6	12.7	12.2±2.7	13.6	15.1	11.0	13.4	13.3	13.3±1.5
	polymerase (RNA) II (DNA directed) polypeptide C, 33kDa	214263_x_at	14.3	10.9	16.5	19.5	16.7	15.6±3.2	16.2	11.6	15.7	15.6	14.3	14.7±1.8
POLR2D	polymerase (RNA) II (DNA directed) polypeptide D	203664_s_at	12.8	9.7	10.9	12.9	13.1	11.9±1.5	13.5	11.0	12.1	12.3	11.7	12.1±0.9
POLR2E	polymerase (RNA) II (DNA directed) polypeptide E, 25kDa	213887_s_at	11.9	10.4	14.5	15.3	13.8	13.2±2.0	10.3	10.4	12.8	12.9	11.2	11.5±1.2
	polymerase (RNA) II (DNA directed) polypeptide E, 25kDa	217854_s_at	17.4	15.9	18.8	18.0	17.8	17.6±1.1	16.3	14.7	15.8	15.7	12.3	15.0±1.6
POLR2F	polymerase (RNA) II (DNA directed) polypeptide F	209511_at	22.5	12.1	16.9	23.6	23.4	19.7±5.1	19.1	16.2	17.9	18.1	13.7	17.0±2.1
POLR2G	polymerase (RNA) II (DNA directed) polypeptide G	202306_at	51.4	34.6	45.3	44.1	47.5	44.6±6.2	42.9	47.4	62.0	50.8	44.6	49.5±7.6
POLR2H	polymerase (RNA) II (DNA directed) polypeptide H	209302_at	36.4	30.1	37.9	33.8	43.3	36.3±4.9	34.3	32.5	37.9	29.4	36.3	34.1±3.3
POLR2I	polymerase (RNA) II (DNA directed) polypeptide I, 14.5kDa	212955_s_at	69.2	52.7	67.2	54.4	68.4	62.4±8.1	36.0	39.9	34.2	31.4	37.7	35.8±3.3
POLR2J	polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa	212782_x_at	80.2	53.4	72.7	68.0	65.4	67.9±9.9	66.4	62.8	71.1	54.5	53.1	61.6±7.7
POLR2J2	DNA directed RNA polymerase II polypeptide J-related gene	1552621_at	19.3	9.1	11.6	15.1	9.6	12.9±4.3	16.9	8.7	7.9	10.7	7.1	10.3±4.0
	DNA directed RNA polymerase II polypeptide J-related gene	216242_x_at	15.2	11.5	13.9	16.0	11.8	13.7±2.0	10.8	11.1	12.4	16.2	10.6	12.2±2.3
POLR2K	polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa	202634_at	35.9	33.5	37.8	40.9	45.7	38.8±4.7	38.4	41.0	37.9	38.9	34.8	38.2±2.2
	polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa	202635_s_at	44.5	34.3	42.0	43.7	47.5	42.4±4.9	40.2	39.6	47.0	36.7	40.3	40.7±3.8
POLR2L	polymerase (RNA) II (DNA directed) polypeptide L, 7.6kDa	211730_s_at	107.8	90.3	129.6	108.1	121.2	111.4±15.0	94.3	114.0	145.7	103.0	107.5	112.9±19.7
POLR3C	polymerase (RNA) III (DNA directed) polypeptide C (62kD)	209382_at	23.6	16.5	18.2	18.9	23.4	20.1±3.2	19.6	18.8	17.4	18.8	16.1	18.1±1.4
	polymerase (RNA) III (DNA directed) polypeptide C (62kD)	210573_s_at	11.2	7.4	10.4	10.8	11.0	10.2±1.6	9.2	10.7	11.7	8.8	7.5	9.6±1.6
POLR3E	polymerase (RNA) III (DNA directed) polypeptide E (80kD)	218016_s_at	8.7	8.6	12.0	9.6	12.1	10.2±1.7	11.0	7.9	11.0	7.8	6.7	8.9±2.0
POLR3K	polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa	218866_s_at	16.5	13.7	15.4	18.1	18.5	16.4±2.0	17.0	17.1	27.9	21.6	20.0	20.7±4.5
PPARBP	PPAR binding protein	203496_s_at	13.2	12.2	16.2	10.8	14.1	13.3±2.0	11.5	6.7	11.9	11.1	9.9	10.2±2.1
	PPAR binding protein	203497_at	42.1	33.0	43.8	36.8	35.9	38.3±4.5	37.2	39.9	33.0	37.8	43.1	38.2±3.7
PQBP1	polyglutamine binding protein 1	207769_s_at	20.3	16.0	18.1	16.2	22.0	18.5±2.6	14.6	15.2	16.2	16.0	17.8	16.0±1.2
	polyglutamine binding protein 1	214527_s_at	28.1	21.5	27.3	24.6	30.5	26.4±3.5	22.1	23.7	22.1	20.7	23.4	22.4±1.2
PTMA	prothymosin, alpha (gene sequence 28)	200772_x_at	166.7	149.3	208.9	186.2	185.2	179.3±22.5	162.2	177.8	194.7	200.7	164.3	179.9±17.4
	prothymosin, alpha (gene sequence 28)	211921_x_at	228.9	177.6	265.7	246.1	219.0	227.5±33.1	204.7	204.9	228.8	237.8	204.2	216.1±16.0
PURA	purine-rich element binding protein A	204020_at	12.8	10.8	13.5	10.3	11.6	11.8±1.3	7.9	6.9	7.7	8.2	9.6	8.1±1.0
RB1	retinoblastoma 1 (including osteosarcoma)	203132_at	29.3	26.0	31.2	28.2	30.1	29.0±2.0	24.4	22.0	18.9	20.2	22.6	21.6±2.1
RFX5	regulatory factor X, 5 (influences HLA class II expression)	202963_at	19.5	16.4	23.1	18.7	23.3	20.2±3.0	23.2	21.8	24.0	19.8	20.4	21.8±1.8
RFXANK	regulatory factor X-associated ankyrin-containing protein	202758_s_at	11.3	9.1	12.3	9.4	9.7	10.4±1.4	8.5	7.9	6.9	9.2	8.2	8.1±0.8
RFXAP	regulatory factor X-associated protein	229431_at	44.0	39.3	58.5	40.7	43.0	45.1±7.7	22.6	23.3	26.7	17.6	18.1	21.7±3.8
RLF	rearranged L-myc fusion sequence	204243_at	13.9	9.0	15.3	10.7	13.5	12.5±2.6	16.1	13.5	12.1	10.1	12.4	12.8±2.2
RNF12	ring finger protein 12	225416_at	14.4	11.7	11.5	11.9	15.4	13.0±1.8	16.0	15.3	17.4	14.8	14.6	15.6±1.1
RNF14	ring finger protein 14	201823_s_at	9.4	5.4	10.5	11.2	9.2	9.1±2.2	12.2	14.3	14.9	13.6	11.3	13.3±1.5
	ring finger protein 14	201824_at	10.3	8.6	10.2	12.4	8.4	10.0±1.6	11.6	12.0	13.9	13.4	11.1	12.4±1.2
RNF4	ring finger protein 4	212696_s_at	18.9	15.7	18.2	14.1	21.2	17.6±2.8	19.5	17.6	16.2	16.2	17.8	17.5±1.4
RNPS1	RNA binding protein S1, serine-rich domain	200060_s_at	34.7	34.2	45.9	40.8	44.2	40.0±5.3	43.5	37.2	39.1	37.2	39.1	39.2±2.6
RRN3	RRN3 RNA polymerase I transcription factor homolog (yeast)	222204_s_at	15.3	5.1	14.9	10.6	13.2	11.8±4.2	20.9	16.2	15.6	13.5	19.7	17.2±3.1
RYBP	RING1 and YY1 binding protein	201844_s_at	34.8	28.7	35.8	34.7	40.9	35.0±4.4	42.0	37.3	32.3	43.9	43.6	39.8±5.0
	RING1 and YY1 binding protein	201846_s_at	38.2	35.6	43.4	37.5	30.5	37.1±4.7	47.9	34.7	34.2	44.3	40.4	40.3±6.0
SAP18	sin3-associated polypeptide, 18kDa	208742_s_at	155.4	117.2	153.2	145.3	160.1	146.2±17.1	153.0	147.8	171.3	156.1	162.3	158.1±9.1
SAP30	sin3-associated polypeptide, 30kDa	204900_x_at	28.1	20.6	34.7	27.2	34.4	29.0±5.8	24.3	20.5	27.1	20.7	23.8	23.3±2.8
SAP30BP	transcriptional regulator protein	217965_s_at	11.6	8.9	11.5	11.5	10.4	10.8±1.1	12.4	12.5	14.9	11.3	13.6	12.9±1.4



Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
SATB1	special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's)	203408_s_at	9.2	9.1	9.4	7.7	9.8	9.1±0.8	8.4	9.0	8.4	9.3	8.6	8.7±0.4
SCML2	sex comb on midleg-like 2 (Drosophila)	206147_x_at	13.2	16.6	17.4	14.4	14.8	15.3±1.7	16.7	18.2	15.2	12.9	16.8	16.0±2.0
SHPRH	SNF2 histone linker PHD RING helicase	226366_at	12.6	7.9	11.6	10.7	10.4	10.7±1.8	8.7	8.4	10.3	9.5	10.1	9.4±0.8
SKIIP	SKI interacting protein	215424_s_at	36.3	28.5	36.1	32.1	33.6	33.3±3.2	36.3	34.0	34.8	32.8	33.1	34.2±1.4
<b>SMAD1</b>	<b>SMAD, mothers against DPP homolog 1 (Drosophila)</b>	<b>227798_at</b>	<b>12.4</b>	<b>11.4</b>	<b>15.2</b>	<b>14.1</b>	<b>14.8</b>	<b>13.6±1.6</b>	<b>6.0</b>	<b>6.7</b>	<b>3.9</b>	<b>5.1</b>	<b>5.7</b>	<b>5.5±1.1</b>
SMAD2	SMAD, mothers against DPP homolog 2 (Drosophila)	203075_at	21.7	18.5	21.2	22.6	22.2	21.2±1.6	22.1	20.9	21.6	20.7	21.5	21.3±0.6
	SMAD, mothers against DPP homolog 2 (Drosophila)	203076_s_at	16.3	10.9	13.0	13.8	14.5	13.7±2.0	17.7	13.9	14.9	14.1	14.5	15.0±1.5
	SMAD, mothers against DPP homolog 2 (Drosophila)	203077_s_at	9.0	6.5	10.8	11.4	11.6	9.9±2.1	13.1	11.9	12.3	14.3	13.1	12.9±0.9
SMAD4	SMAD, mothers against DPP homolog 4 (Drosophila)	202527_s_at	19.4	14.1	16.0	18.7	16.0	16.8±2.2	15.2	14.0	15.2	15.8	11.9	14.4±1.5
SMAD5	SMAD, mothers against DPP homolog 5 (Drosophila)	205187_at	9.6	8.9	11.9	15.1	9.9	11.1±2.5	10.0	11.8	12.4	11.4	14.2	12.0±1.5
	SMAD, mothers against DPP homolog 5 (Drosophila)	225219_at	22.3	18.3	22.0	29.2	30.3	24.4±5.1	16.3	15.6	18.9	21.5	17.9	18.0±2.3
	SMAD, mothers against DPP homolog 5 (Drosophila)	225223_at	12.5	8.3	13.2	13.2	14.1	12.3±2.3	9.8	8.6	9.5	9.9	9.9	9.5±0.6
	SMAD, mothers against DPP homolog 5 (Drosophila)	235451_at	18.0	14.4	17.1	19.5	20.1	17.8±2.2	16.2	15.0	14.1	18.3	14.3	15.6±1.7
SMARCA5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	202303_x_at	26.3	19.2	25.9	29.3	25.1	25.1±3.7	21.8	20.4	24.8	21.7	22.7	22.3±1.6
	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	213251_at	36.0	41.3	45.8	39.4	39.2	40.3±3.6	29.2	37.4	38.9	34.3	37.5	35.5±3.9
	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	213859_x_at	12.0	11.4	14.4	11.8	11.9	12.3±1.2	12.4	7.7	9.3	11.0	11.1	10.3±1.8
SMARCE1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1	211988_at	58.4	49.2	57.3	55.9	63.3	56.8±5.1	60.4	64.7	60.6	57.2	63.5	61.3±2.9
	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1	211989_at	43.8	34.6	41.3	42.7	45.8	41.6±4.2	36.4	32.0	39.9	37.3	39.5	37.0±3.2
SNAPC1	small nuclear RNA activating complex, polypeptide 1, 43kDa	205443_at	10.8	12.3	11.6	13.0	12.8	12.1±0.9	7.6	5.4	5.2	9.3	7.9	7.1±1.7
SNAPC3	small nuclear RNA activating complex, polypeptide 3, 50kDa	204001_at	16.6	11.8	13.5	15.2	15.9	14.6±2.0	9.4	9.8	8.9	7.4	7.1	8.5±1.2
	small nuclear RNA activating complex, polypeptide 3, 50kDa	210465_s_at	11.4	8.2	14.5	9.9	10.5	10.9±2.3	6.8	5.8	8.2	5.7	6.5	6.6±1.0
SNAPC5	small nuclear RNA activating complex, polypeptide 5, 19kDa	1554093_a_at	10.3	7.7	9.0	12.3	11.1	10.1±1.8	10.8	10.4	12.1	12.6	10.9	11.3±0.9
	small nuclear RNA activating complex, polypeptide 5, 19kDa	213203_at	24.4	18.2	21.3	21.3	25.6	22.2±2.9	25.7	22.1	20.5	24.2	19.4	22.4±2.6
SNW1	SKI interacting protein	201575_at	76.5	61.7	79.9	65.0	89.4	74.5±11.3	85.6	68.0	82.9	73.0	74.7	76.9±7.2
SOX6	SRY (sex determining region Y)-box 6	235526_at	12.8	8.1	11.2	11.6	13.1	11.4±2.0	9.5	8.3	8.3	10.1	13.0	9.9±1.9
SP1	Sp1 transcription factor	224754_at	24.3	16.1	22.7	18.2	26.0	21.5±4.2	20.4	17.9	15.7	18.6	21.1	18.7±2.1
	Sp1 transcription factor	224760_at	15.1	11.0	13.3	13.3	15.9	13.7±1.9	12.8	9.8	13.5	13.7	9.7	11.9±2.0
SP100	nuclear antigen Sp100	202863_at	18.4	15.5	19.1	14.9	22.9	18.2±3.2	16.8	19.4	18.9	20.2	21.7	19.4±1.8
	nuclear antigen Sp100	202864_s_at	16.8	14.5	18.6	14.6	22.4	17.4±3.3	17.8	20.7	19.1	17.4	19.3	18.9±1.3
SP110	SP110 nuclear body protein	208012_x_at	8.9	8.0	10.0	9.3	10.6	9.4±1.0	7.6	7.9	9.6	9.2	9.5	8.8±0.9
SP3	Sp3 transcription factor	213168_at	58.2	45.6	63.6	53.5	54.7	55.1±6.6	52.7	47.9	44.6	51.2	42.7	47.8±4.2
	Sp3 transcription factor	238035_at	23.7	16.8	22.8	20.0	21.5	21.0±2.7	14.5	16.1	17.8	16.3	12.4	15.4±2.1
SPEN	spen homolog, transcriptional regulator (Drosophila)	201996_s_at	11.4	8.6	9.8	8.8	10.8	9.9±1.2	10.8	8.4	8.2	10.8	14.4	10.5±2.5
STAT1	signal transducer and activator of transcription 1, 91kDa	200887_s_at	29.4	22.6	31.2	27.4	28.9	27.9±3.3	31.1	33.6	34.2	34.0	30.2	32.6±1.9
STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)	208991_at	15.7	11.6	15.2	15.3	11.6	13.9±2.1	19.8	16.9	16.5	21.1	16.7	18.2±2.1
SUB1	SUB1 homolog (S. cerevisiae)	212857_x_at	261.1	231.3	298.7	260.6	220.5	254.4±30.5	256.4	250.2	267.4	284.2	277.8	267.2±14.2
	SUB1 homolog (S. cerevisiae)	214512_s_at	97.0	66.5	102.1	109.4	84.0	91.8±16.9	92.9	84.8	92.0	91.0	91.3	90.4±3.2
	SUB1 homolog (S. cerevisiae)	224586_x_at	198.6	153.5	214.1	186.1	191.3	188.7±22.3	203.5	178.8	208.9	204.9	199.2	199.1±11.8
	SUB1 homolog (S. cerevisiae)	224587_at	51.8	39.0	53.5	54.8	49.0	49.6±6.3	44.1	43.4	41.1	42.2	39.9	42.1±1.7
SUPT16H	suppressor of Ty 16 homolog (S. cerevisiae)	217815_at	60.8	47.8	60.8	62.6	62.9	59.0±6.3	57.6	50.2	60.3	53.0	48.9	54.0±4.8
	suppressor of Ty 16 homolog (S. cerevisiae)	233827_s_at	16.5	13.3	17.8	19.6	17.1	16.9±2.3	14.5	11.8	18.5	14.8	20.6	16.1±3.5
SUPT4H1	suppressor of Ty 4 homolog 1 (S. cerevisiae)	201483_s_at	42.6	33.3	38.1	41.2	44.2	39.9±4.3	36.5	44.9	56.1	41.3	49.4	45.6±7.5
	suppressor of Ty 4 homolog 1 (S. cerevisiae)	201484_at	19.1	13.8	15.6	15.2	22.5	17.2±3.5	14.9	16.9	17.3	12.1	15.5	15.4±2.1
SURB7	SRB7 suppressor of RNA polymerase B homolog (yeast)	209362_at	30.4	20.4	27.6	27.3	22.4	25.6±4.1	22.0	24.6	27.8	25.9	24.7	25.0±2.1

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
	SRB7 suppressor of RNA polymerase B homolog (yeast)	209363_s_at	15.2	13.1	17.4	18.1	13.5	15.5±2.2	19.2	17.9	22.5	22.6	18.9	20.2±2.2
SUZ12	suppressor of zeste 12 homolog (Drosophila)	212287_at	79.8	63.4	83.0	61.1	67.5	71.0±9.9	61.2	62.2	63.5	59.8	66.6	62.7±2.6
	suppressor of zeste 12 homolog (Drosophila)	213971_s_at	16.0	11.2	16.7	13.2	17.3	14.9±2.6	17.1	16.3	17.0	16.7	17.0	16.8±0.3
TAF1	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa	227205_at	18.1	14.3	14.5	14.2	12.8	14.8±2.0	13.0	14.1	16.1	14.9	15.2	14.6±1.2
TAF10	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa	200055_at	42.1	30.1	37.2	44.4	46.4	40.0±6.5	46.4	35.1	44.5	45.2	33.7	41.0±6.1
TAF11	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa	1558136_s_at	19.5	16.2	19.1	20.2	13.1	17.6±2.9	23.2	21.9	21.0	18.8	17.8	20.5±2.2
	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa	209358_at	23.7	20.1	24.9	27.2	20.4	23.2±3.0	27.8	23.4	25.2	25.0	23.3	24.9±1.8
TAF1B	TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa	216941_s_at	9.9	8.5	9.7	10.1	8.1	9.2±0.9	11.6	8.7	8.5	10.9	9.4	9.8±1.4
TAF5	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	1553528_a_at	10.7	10.8	10.3	10.3	10.5	10.5±0.2	10.0	7.0	7.9	8.9	7.3	8.3±1.2
	TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa	210053_at	17.0	13.4	14.1	14.8	17.0	15.3±1.7	14.4	12.9	14.9	14.5	11.9	13.7±1.3
TAF7	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa	201023_at	28.4	26.7	30.6	27.9	35.8	29.9±3.6	16.5	17.2	21.1	20.3	19.7	19.0±2.0
TAF9	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa	202168_at	112.0	92.7	119.6	116.2	100.9	108.3±11.2	91.3	95.0	96.8	98.7	88.3	94.0±4.2
	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa	203893_at	47.4	43.0	47.2	43.6	44.8	45.2±2.0	41.6	37.2	41.4	39.6	42.7	40.5±2.1
TAF9L	TAF9-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa	226037_s_at	20.6	14.6	18.8	18.6	18.6	18.2±2.2	11.5	11.5	10.3	13.3	10.1	11.4±1.3
TAL1	T-cell acute lymphocytic leukemia 1	206283_s_at	53.0	50.8	60.9	53.4	66.2	56.8±6.5	61.3	45.8	54.1	45.1	56.5	52.6±7.0
TARDBP	TAR DNA binding protein	200020_at	48.8	35.9	49.2	49.5	50.1	46.7±6.0	47.1	39.4	50.5	46.5	43.8	45.5±4.1
	TAR DNA binding protein	221264_s_at	12.9	10.8	15.5	13.5	14.0	13.4±1.7	11.1	13.0	12.1	12.8	14.6	12.7±1.3
TBP	TATA box binding protein	203135_at	10.4	8.5	9.0	9.2	10.9	9.6±1.0	6.9	9.0	9.6	7.4	9.2	8.4±1.2
TBPL1	TBP-like 1	208398_s_at	83.1	66.0	74.7	65.0	73.2	72.4±7.3	86.7	102.1	92.1	79.4	81.4	88.3±9.1
TCEA1	transcription elongation factor A (SII), 1	216241_s_at	209.1	164.4	203.2	179.7	186.1	188.5±18.1	139.3	135.6	144.2	137.7	122.3	135.8±8.2
TCEAL8	transcription elongation factor A (SII)-like 8	224819_at	12.2	8.6	12.6	13.1	11.1	11.5±1.8	12.2	9.6	11.7	16.0	12.6	12.4±2.3
TCEB1	transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C)	202823_at	17.8	16.3	18.7	21.2	18.1	18.4±1.8	22.7	19.9	19.1	21.8	20.9	20.9±1.4
	transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C)	202824_s_at	103.5	78.2	108.9	102.9	103.7	99.4±12.1	107.9	108.1	107.3	106.9	101.2	106.3±2.9
TCEB2	transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B)	200085_s_at	123.6	96.0	115.7	106.4	132.3	114.8±14.2	112.3	111.6	120.5	102.4	95.9	108.5±9.6
TCERG1	transcription elongation regulator 1	202396_at	52.9	40.7	48.9	46.6	48.6	47.5±4.5	47.6	54.8	52.8	45.9	48.5	49.9±3.7
TCF12	transcription factor 12 (HTF4, helix-loop-helix transcription factors 4)	208986_at	19.0	16.3	21.7	21.9	26.4	21.1±3.8	16.6	21.2	17.9	20.4	19.2	19.1±1.9
TCF25	transcription factor 25	221495_s_at	12.0	7.3	11.1	13.0	11.2	10.9±2.2	7.7	9.0	8.4	9.5	9.8	8.9±0.9
TCF3	transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)	209153_s_at	9.8	9.7	7.9	8.7	10.6	9.3±1.0	6.7	5.4	7.7	5.2	8.6	6.7±1.5
	transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)	213811_x_at	13.5	14.7	14.0	11.1	12.5	13.1±1.4	6.1	8.0	8.2	7.6	6.4	7.3±1.0
TCF4	transcription factor 4	212386_at	10.7	9.3	11.1	9.1	12.0	10.4±1.2	12.8	11.5	9.5	12.2	12.3	11.6±1.3
TEAD1	TEA domain family member 1 (SV40 transcriptional enhancer factor)	224955_at	23.3	17.6	23.1	19.1	21.0	20.8±2.5	13.5	16.7	17.5	11.5	12.0	14.2±2.7
TFAM	transcription factor A, mitochondrial	203176_s_at	34.6	31.4	31.0	34.5	40.0	34.3±3.6	31.0	32.9	31.0	37.5	30.3	32.5±3.0
	transcription factor A, mitochondrial	203177_x_at	33.1	27.2	35.7	33.8	36.6	33.3±3.7	38.0	31.3	31.5	38.2	34.0	34.6±3.4
	transcription factor A, mitochondrial	208541_x_at	11.3	10.4	11.5	11.1	11.1	11.1±0.4	10.3	10.8	11.3	12.9	13.1	11.7±1.3
TFB1M	transcription factor B1, mitochondrial	219169_s_at	12.1	6.3	9.1	10.6	9.9	9.6±2.1	12.4	11.1	12.6	12.2	10.2	11.7±1.0
	transcription factor B1, mitochondrial	228075_x_at	13.8	6.8	9.6	11.6	12.4	10.8±2.7	11.9	11.2	10.8	13.5	9.9	11.4±1.3
TFB2M	transcription factor B2, mitochondrial	218605_at	26.6	19.5	25.7	26.3	31.4	25.9±4.2	30.1	33.5	36.8	29.1	34.9	32.9±3.2
TFDP1	transcription factor Dp-1	204147_s_at	20.0	12.8	16.3	16.4	14.1	15.9±2.7	8.7	7.5	11.0	8.2	7.7	8.6±1.4
	transcription factor Dp-1	212330_at	113.0	78.7	105.4	94.3	97.2	97.7±12.9	55.1	53.0	60.1	46.9	46.7	52.4±5.7
	transcription factor Dp-1	242939_at	28.6	21.7	19.8	19.0	35.0	24.8±6.8	18.3	10.3	13.0	10.9	10.4	12.6±3.4
TFDP2	transcription factor Dp-2 (E2F dimerization partner 2)	203588_s_at	49.8	38.5	34.0	43.1	47.4	42.6±6.4	34.0	30.5	34.7	31.4	30.3	32.2±2.0
	transcription factor Dp-2 (E2F dimerization partner 2)	203589_s_at	9.6	10.7	10.6	13.1	9.5	10.7±1.5	7.8	8.4	8.7	9.0	8.8	8.6±0.5
	transcription factor Dp-2 (E2F dimerization partner 2)	226157_at	12.6	8.0	11.2	10.0	14.2	11.2±2.4	8.1	8.2	8.6	9.2	8.8	8.6±0.4
TGIF1	TGFβ-induced factor (TALE family homeobox)	203313_s_at	15.8	10.3	11.8	10.8	13.0	12.3±2.2	25.7	20.7	19.1	18.1	17.6	20.3±3.3
THRAP1	thyroid hormone receptor associated protein 1	201986_at	32.5	24.7	30.8	28.1	30.3	29.3±3.0	30.7	27.1	23.4	28.3	28.7	27.6±2.7

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
	thyroid hormone receptor associated protein 1	201987_at	30.7	20.0	20.9	20.6	21.7	22.8±4.5	23.9	22.4	21.0	22.6	26.0	23.2±1.9
THRAP6	thyroid hormone receptor associated protein 6	227786_at	14.5	9.7	18.9	16.7	20.3	16.0±4.2	10.5	11.1	13.1	8.3	10.0	10.6±1.7
	thyroid hormone receptor associated protein 6	227787_s_at	21.1	13.0	17.7	17.9	18.5	17.7±2.9	8.9	10.0	9.8	9.1	10.8	9.7±0.8
<b>THRB</b>	<b>thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian)</b>	<b>229657_at</b>	<b>9.8</b>	<b>10.0</b>	<b>11.4</b>	<b>12.2</b>	<b>11.7</b>	<b>11.0±1.0</b>	<b>2.6</b>	<b>3.2</b>	<b>6.0</b>	<b>4.9</b>	<b>4.8</b>	<b>4.3±1.4</b>
TMF1	TATA element modulatory factor 1	214948_s_at	15.9	14.7	15.9	13.6	12.7	14.6±1.4	9.8	7.2	8.9	9.3	12.8	9.6±2.0
	TATA element modulatory factor 1	227685_at	7.6	5.7	9.5	6.8	8.7	7.7±1.5	9.1	7.3	8.9	9.1	11.9	9.3±1.7
TRIM24	tripartite motif-containing 24	213301_x_at	14.1	12.6	15.3	15.7	18.0	15.1±2.0	15.2	13.6	15.3	15.9	14.5	14.9±0.9
TRIM28	tripartite motif-containing 28	200990_at	14.0	11.0	20.5	15.4	19.4	16.1±3.9	19.3	14.3	16.3	14.6	17.6	16.4±2.1
TRIM33	tripartite motif-containing 33	212435_at	25.3	22.8	26.2	25.0	25.3	24.9±1.3	20.2	20.2	22.2	17.5	19.8	20.0±1.6
TRIP13	thyroid hormone receptor interactor 13	204033_at	25.0	17.5	27.0	28.1	30.6	25.6±5.0	31.5	26.2	36.4	28.6	30.3	30.6±3.8
TRIP3	thyroid hormone receptor interactor 3	212544_at	26.0	18.8	27.5	24.1	23.3	23.9±3.3	20.4	25.3	27.6	23.8	23.9	24.2±2.6
TRIP4	thyroid hormone receptor interactor 4	203732_at	18.4	13.4	19.2	18.6	19.2	17.8±2.5	16.3	17.1	18.6	16.2	17.2	17.1±1.0
TSC22D1	TSC22 domain family, member 1	215111_s_at	196.9	179.4	249.2	220.7	244.2	218.1±30.0	270.3	245.6	274.0	311.5	291.4	278.6±24.6
TSC22D3	TSC22 domain family, member 3	207001_x_at	10.9	4.7	9.6	7.3	7.9	8.1±2.4	12.7	11.8	16.9	12.8	11.2	13.1±2.2
	TSC22 domain family, member 3	208763_s_at	91.7	51.0	76.6	62.0	75.5	71.4±15.5	112.7	102.8	141.5	101.2	90.2	109.7±19.5
TSG101	tumor susceptibility gene 101	201758_at	59.5	34.6	50.5	46.5	55.4	49.3±9.6	57.1	59.2	62.4	53.3	52.3	56.9±4.2
TTF1	transcription termination factor, RNA polymerase I	204771_s_at	35.1	27.0	32.7	26.7	33.4	31.0±3.9	26.2	21.5	20.4	25.0	28.2	24.2±3.2
	transcription termination factor, RNA polymerase I	204772_s_at	15.3	10.1	15.9	14.6	10.8	13.3±2.7	9.3	11.4	13.3	10.7	11.0	11.1±1.5
UBN1	ubiquitin 1	209088_s_at	12.9	9.6	12.9	8.6	11.7	11.2±2.0	8.9	8.2	6.6	6.7	10.5	8.2±1.7
UBP1	upstream binding protein 1 (LBP-1a)	218082_s_at	8.8	7.0	7.5	8.8	10.0	8.4±1.2	12.6	11.2	10.6	10.5	10.2	11.0±0.9
UHRF1	ubiquitin-like, containing PHD and RING finger domains, 1	225655_at	15.1	14.2	17.4	18.7	18.8	16.8±2.1	15.6	7.9	10.3	12.0	9.9	11.1±2.9
VBP1	von Hippel-Lindau binding protein 1	201472_at	210.2	147.7	192.9	167.8	177.6	179.2±23.8	132.3	139.6	138.8	121.4	122.8	131.0±8.6
VEZF1	vascular endothelial zinc finger 1	202171_at	19.5	17.6	19.9	18.7	21.3	19.4±1.4	15.7	14.6	14.1	14.9	14.4	14.8±0.6
	vascular endothelial zinc finger 1	202172_at	9.9	7.9	10.9	9.2	10.3	9.6±1.1	7.7	6.2	7.2	7.7	7.8	7.3±0.6
	vascular endothelial zinc finger 1	202173_s_at	16.8	11.7	18.9	15.2	21.3	16.8±3.6	12.6	11.4	13.7	10.4	12.7	12.1±1.3
VPS72	transcription factor-like 1	202261_at	12.4	9.9	13.3	13.7	11.4	12.1±1.5	9.6	11.5	12.1	10.5	10.6	10.9±0.9
YBX1	nuclease sensitive element binding protein 1	208628_s_at	447.3	359.8	501.1	447.1	444.4	439.9±50.7	458.2	364.4	409.8	390.9	366.6	398.0±38.5
YY1	YY1 transcription factor	200047_s_at	78.0	77.3	89.9	81.2	80.6	81.4±5.1	74.0	67.6	69.2	71.2	70.7	70.5±2.4
	YY1 transcription factor	201901_s_at	51.2	43.8	55.1	53.0	56.1	51.8±4.9	54.1	38.6	35.9	40.1	39.7	41.7±7.1
	YY1 transcription factor	224711_at	14.1	15.6	20.1	19.7	20.8	18.1±3.0	16.7	12.3	16.6	16.5	13.9	15.2±2.0
ZBTB1	zinc finger and BTB domain containing 1	213376_at	17.0	13.4	15.0	14.2	13.4	14.6±1.5	14.4	13.3	14.8	13.0	12.4	13.6±1.0
ZBTB33	zinc finger and BTB domain containing 33	226255_at	34.9	24.6	30.0	32.9	33.9	31.3±4.1	32.7	28.8	26.5	33.1	28.3	29.9±2.9
ZDHHC3	zinc finger, DHHC-type containing 3	218078_s_at	13.5	13.3	13.9	10.8	10.1	12.3±1.7	6.5	7.9	8.4	10.0	5.6	7.7±1.7
ZDHHC5	zinc finger, DHHC-type containing 5	224858_at	13.5	11.5	17.4	16.2	18.0	15.3±2.7	17.7	14.9	15.2	10.7	10.1	13.7±3.2
ZDHHC6	zinc finger, DHHC-type containing 6	218249_at	20.8	12.9	21.3	20.4	21.4	19.3±3.6	20.2	17.2	19.8	17.9	20.4	19.1±1.5
ZEB2	zinc finger E-box binding homeobox 2	203603_s_at	19.6	15.6	18.7	17.5	18.7	18.0±1.6	15.0	12.7	12.7	14.5	12.3	13.4±1.2
	zinc finger E-box binding homeobox 2	1562194_at	8.8	5.6	6.4	11.5	14.6	9.4±3.7	8.8	12.2	6.8	8.9	10.1	9.4±2.0
ZFX	zinc finger protein, X-linked	214678_x_at	11.9	7.1	9.1	11.3	12.7	10.4±2.3	12.5	9.3	11.5	9.5	11.2	10.8±1.4
ZHX1	zinc fingers and homeoboxes 1	223214_s_at	12.8	9.1	11.8	11.0	10.5	11.1±1.4	7.9	8.6	9.0	9.4	8.6	8.7±0.6
ZMYM2	zinc finger protein 198	202778_s_at	21.2	19.0	23.4	22.9	20.5	21.4±1.8	21.0	18.1	18.2	21.0	16.3	18.9±2.0
	zinc finger protein 198	210281_s_at	15.4	9.1	12.8	10.7	16.3	12.8±3.0	12.5	12.0	12.2	10.6	11.9	11.8±0.7
	zinc finger protein 198	210282_at	14.6	11.7	16.8	17.7	17.7	15.7±2.6	24.1	18.3	12.7	13.0	14.8	16.6±4.8
ZMYND11	zinc finger, MYND domain containing 11	202136_at	33.7	27.5	33.7	36.3	34.6	33.2±3.3	28.4	24.4	22.0	28.0	25.4	25.6±2.6
ZNF107	zinc finger protein 107	205739_x_at	12.0	8.3	13.4	10.6	10.3	10.9±1.9	7.2	6.4	6.7	7.0	7.5	7.0±0.4

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
ZNF12	zinc finger protein 12	1554021_a_at	14.4	13.7	13.1	15.6	18.2	15.0±2.0	15.0	10.6	8.2	11.0	16.1	12.2±3.3
	zinc finger protein 12	219571_s_at	15.3	9.5	15.3	15.3	22.0	15.5±4.4	17.4	14.1	11.8	13.6	13.3	14.0±2.1
	zinc finger protein 12	226015_at	9.9	8.1	10.6	9.0	9.8	9.5±0.9	9.0	8.3	8.1	10.5	8.2	8.8±1.0
ZNF131	zinc finger protein 131	1557384_at	10.3	9.5	9.9	10.8	8.7	9.8±0.8	14.7	8.0	7.9	9.8	10.1	10.1±2.8
	zinc finger protein 131	214741_at	12.4	7.6	8.5	11.2	5.6	9.1±2.7	13.5	8.9	8.5	10.6	6.8	9.6±2.5
	zinc finger protein 131	221842_s_at	19.7	12.7	17.4	17.4	11.6	15.8±3.5	19.9	12.0	16.9	19.3	13.6	16.3±3.5
	zinc finger protein 131	225916_at	7.8	6.9	8.6	11.6	9.8	8.9±1.8	11.5	9.5	9.4	11.3	11.6	10.7±1.1
ZNF146	zinc finger protein 146	1554433_a_at	13.8	10.4	14.4	12.1	11.7	12.5±1.6	11.3	13.6	16.6	13.2	13.7	13.7±1.9
	zinc finger protein 146	200050_at	57.2	46.3	57.7	52.6	55.3	53.8±4.6	58.3	49.9	56.4	51.6	56.0	54.4±3.5
ZNF148	zinc finger protein 148	203318_s_at	21.8	18.4	18.7	21.0	24.3	20.8±2.4	16.8	17.2	16.3	21.4	20.4	18.4±2.3
	zinc finger protein 148	203319_s_at	18.4	15.7	16.3	21.2	20.1	18.3±2.4	21.2	21.7	17.8	19.1	19.4	19.8±1.6
ZNF160	zinc finger protein 160	214715_x_at	23.3	22.3	20.9	22.1	22.1	22.1±0.8	24.5	21.0	16.6	20.9	25.3	21.7±3.5
ZNF175	zinc finger protein 175	205497_at	16.9	11.7	12.4	13.2	12.3	13.3±2.1	20.6	15.8	18.8	17.7	18.3	18.2±1.7
ZNF184	zinc finger protein 184	213452_at	10.6	10.4	12.3	9.8	10.5	10.7±0.9	8.6	9.3	8.4	8.7	9.8	9.0±0.6
ZNF195	zinc finger protein 195	204234_s_at	7.5	4.6	8.9	9.7	8.2	7.8±2.0	9.0	10.0	11.8	8.3	9.7	9.8±1.3
ZNF200	zinc finger protein 200	207338_s_at	11.4	9.6	10.7	10.0	10.8	10.5±0.7	8.4	7.2	12.1	11.9	9.5	9.8±2.1
ZNF207	zinc finger protein 207	1556035_s_at	17.0	9.8	14.1	14.6	13.7	13.8±2.6	18.4	14.6	14.1	12.4	14.1	14.7±2.2
	zinc finger protein 207	200828_s_at	93.0	71.8	107.3	90.6	92.2	91.0±12.6	89.7	87.5	117.0	96.9	92.6	96.7±11.9
	zinc finger protein 207	200829_x_at	74.5	54.1	74.3	71.2	77.4	70.3±9.3	79.2	77.8	76.9	74.9	81.1	78.0±2.3
	zinc finger protein 207	231848_x_at	11.6	7.5	12.5	12.8	10.5	11.0±2.1	16.9	12.7	12.5	17.9	13.2	14.6±2.5
	zinc finger protein 207	244153_at	17.8	10.7	12.7	14.1	19.0	14.8±3.5	17.1	12.8	10.9	12.3	16.5	13.9±2.7
ZNF217	zinc finger protein 217	203739_at	21.1	13.4	18.0	16.1	13.8	16.5±3.2	18.2	19.4	16.8	19.4	17.3	18.2±1.2
ZNF227	zinc finger protein 227	227689_at	9.0	6.0	11.8	8.9	10.1	9.2±2.1	13.2	9.2	9.1	9.4	9.4	10.1±1.8
ZNF23	zinc finger protein 23 (KOX 16)	213934_s_at	9.1	8.4	11.4	8.3	10.2	9.5±1.3	6.8	6.6	8.9	5.7	6.8	6.9±1.2
ZNF238	zinc finger protein 238	212774_at	12.1	7.5	13.0	10.0	11.9	10.9±2.2	17.3	13.3	14.5	13.7	13.8	14.5±1.6
ZNF24	zinc finger protein 24 (KOX 17)	203247_s_at	27.6	20.7	30.4	26.4	29.5	26.9±3.8	31.1	26.5	27.3	29.6	25.7	28.0±2.3
ZNF266	zinc finger protein 266	214686_at	17.0	17.4	20.6	16.9	19.1	18.2±1.6	17.3	20.7	21.3	14.9	14.6	17.8±3.2
ZNF274	zinc finger protein 274	204937_s_at	16.8	15.3	18.5	14.8	19.0	16.9±1.9	13.0	13.9	14.1	7.9	11.9	12.2±2.5
ZNF277	zinc finger protein 277	218645_at	15.7	13.0	16.6	15.3	16.9	15.5±1.5	20.3	18.1	20.7	17.4	16.4	18.6±1.9
ZNF281	zinc finger protein 281	222619_at	16.2	12.8	17.0	15.4	16.6	15.6±1.7	16.3	14.3	15.4	16.7	14.9	15.5±1.0
	zinc finger protein 281	228785_at	15.4	12.1	14.0	16.1	17.3	15.0±2.0	15.9	13.6	14.7	16.5	12.1	14.6±1.7
ZNF292	zinc finger protein 292	212368_at	26.3	23.6	36.9	29.5	34.3	30.1±5.5	20.0	21.6	25.8	20.4	27.2	23.0±3.3
ZNF295	zinc finger protein 295	233952_s_at	8.5	7.6	7.8	8.5	13.0	9.1±2.2	9.4	9.3	8.0	8.2	10.7	9.1±1.1
ZNF331	zinc finger protein 331	219228_at	25.0	13.9	21.3	14.7	19.1	18.8±4.6	16.7	12.4	14.9	11.0	8.8	12.7±3.1
ZNF394	zinc finger protein 394	214714_at	8.2	5.4	9.6	7.3	6.6	7.4±1.6	10.3	10.6	10.7	8.6	8.9	9.8±1.0
ZNF410	zinc finger protein 410	202010_s_at	19.9	15.0	18.7	18.7	21.2	18.7±2.3	20.4	19.4	20.1	18.7	14.9	18.7±2.2
	zinc finger protein 410	209944_at	47.3	38.1	42.4	46.9	48.7	44.7±4.4	44.3	43.3	46.5	45.8	41.4	44.3±2.0
ZNF43	zinc finger protein 43	206695_x_at	9.9	11.5	13.6	13.2	11.6	11.9±1.5	8.9	6.4	9.2	9.1	7.6	8.3±1.2
	zinc finger protein 43	222136_x_at	10.6	13.6	16.3	15.9	16.2	14.5±2.4	9.8	9.3	11.7	12.9	12.2	11.2±1.6
ZNF430	zinc finger protein 430	206829_x_at	11.8	12.1	10.7	12.9	7.9	11.1±2.0	10.4	10.8	9.6	11.7	7.8	10.1±1.5
ZNF45	zinc finger protein 45	222028_at	10.6	7.3	10.1	10.3	10.6	9.8±1.4	8.9	8.3	7.6	8.6	9.5	8.6±0.7
ZNF544	zinc finger protein 544	218735_s_at	12.1	9.2	13.4	10.9	11.6	11.4±1.5	10.7	8.8	9.8	10.0	8.4	9.6±0.9
ZNF593	zinc finger protein 593	204175_at	10.6	5.0	8.3	11.9	13.3	9.8±3.3	9.1	8.6	10.1	11.5	10.1	9.9±1.1
ZNF655	zinc finger protein 655	225945_at	15.3	13.6	19.0	17.7	14.5	16.0±2.3	20.2	14.7	18.3	16.1	18.0	17.4±2.1
ZNF83	zinc finger protein 83	221645_s_at	14.1	12.6	15.5	14.8	14.4	14.3±1.1	15.9	12.2	14.8	13.3	13.5	13.9±1.4

Gene Name	Description	Probe Set ID	Low-HbF						High-HbF					
			#1	#2	#3	#4	#5	Ave±SD	#1	#2	#3	#4	#5	Ave±SD
ZNF84	zinc finger protein 84	204453_at	10.2	9.2	10.6	11.6	7.9	9.9±1.4	9.4	7.3	8.7	8.9	8.3	8.5±0.8
ZNF85	zinc finger protein 85	206572_x_at	12.6	8.2	10.5	12.6	9.5	10.7±1.9	3.9	5.1	6.3	5.1	5.9	5.3±0.9
ZNF92	zinc finger protein 92	235170_at	22.6	21.0	28.3	20.1	28.8	24.1±4.1	19.8	20.8	18.9	16.3	22.5	19.7±2.3
ZNRD1	zinc ribbon domain containing, 1	223639_s_at	18.4	11.9	14.3	16.2	18.2	15.8±2.7	14.4	12.8	16.3	13.4	15.1	14.4±1.4
	zinc ribbon domain containing, 1	228009_x_at	24.9	17.4	20.8	25.8	25.1	22.8±3.6	21.0	20.6	23.6	19.6	21.8	21.3±1.5