

FISH PROBE LIST BY CHROMOSOME

	PROBE NAME	LOCATION (COLOR)	PANEL	VENDOR	PARAFFIN
CHROMOSOME 1	CKS1B/CDKN2C	1q21.3 (R)/1p32.3 (G)	MM	Cytocell	
	E2A(TCF3)/PBX1	19p13.3 (G)/1q23.3 (R)	B-ALL ped	Cytocell	
	ABL2	1q25.2 (R/G)	B-ALL, B-ALL ped	Cytocell	
	TNFRSF14/ABL2	1p36.32(R)/1q25.2(G)	Pediatric-type follicular lymphoma (PTFL)	Cytocell	
CHROMOSOME 2	ALK	2p23 (R/G)	T-cell lymphoma	Cytocell	
CHROMOSOME 3	BCL6	3q27.3 (R/G)	NHL, DHL	Cytocell	x
	EVI1 (MECOM)	3q26.2 (R/G/A)		Cytocell	
	Cen 3 + Cen 15	3p11.1-3q11.1 (R) + 15p11.1-15q11.1(G)	MM	Cytocell	
CHROMOSOME 4	IGH/FGFR3	14q32.3 (G)/ 4p16.3 (R)	MM	Cytocell	
	FIP1L1/CHIC2/PDGFRB	4q12 (G/R/G)	eosinophilia/MPN	Cytocell	
	Cen 4 + Cen 10	4p11.1-4q11.1(R) + 10p11.1-10q11.1 (G)	B-ALL ped	Cytocell	
CHROMOSOME 5	Del(5q) (EGR1)	5p15.31 (G)/5q31.2 (R)	MDS	Cytocell	
	PDGFRB	5q32 (R/G)	eosinophilia/MPN, Ph-like B-ALL	Cytocell	
CHROMOSOME 6	MYB/D6Z1	6q23.3 (R)/6p11.1-q11.1 (G)	T-cell lymphoma, CLL	Cytocell	
	IGH/CCND3	14q32.3 (G)/6p21 (R)	Reflex MM	Cytocell	
	DEK/NUP214	6p22.3 (G)/9q34 .12-q34.13(R)		Cytocell	
	IRF4/DUSP22 + Cen 6	6p25.3(G)/6p25.3(R)/6p11.1-q11.1(A)		Cytocell	
CHROMOSOME 7	IKZF1	7p12.2-12.1 (R/G)		Cytocell	
	Del(7q)	7q22.1-q22.2 (R)/7q31.2 (G)	MDS, AML	Cytocell	
	7q22/7q36/SE7	7q22 (G)/7q36 (R)/7p11.1-q11.1 (A)	Reflex mono 7	Cytocell	
	TCRB (for TRB)	7q34 (R/G)	T-cell lymphoma	Cytocell	
CHROMOSOME 8	Del(20q) + D8Z2	20q12 (R)/20q13.12 (G) + 8p11.1-q11.1 (A)	MDS, AML	Cytocell	
	AML1/ETO (RUNX1/RUNX1T1)	21q22.12 (R)/8q21.3 (G)	AML	Cytocell	
	IGH/MYC	14q32.3 (G)/8q24.21 (R)	DHL, B-ALL	Cytocell	x
	MYC	8q24.21 (R/G)	DHL, Reflex NHL	Cytocell	x
	FGFR1/D8Z2	8p11.23-p11.22 (R/G)/8p11.1-q11.1 (A)	MPD	Cytocell	
CHROMOSOME 9	p16 (CDKN2A)/D9Z3	9p21.3 (R)/ 9q12 (G)	B-ALL, T-ALL	Cytocell	
	JAK2	9p24.1 (R/G)	Ph-like B-ALL, eosinophilia/MPN	Cytocell	
	BCR/ABL1/ASS1	22q11.22-q11.23 (G)/ 9q34.11-q34.12 (R)/ 9q34.11-q34.12 (A)	CML, B-ALL, T-ALL	Cytocell	
	MLL/MLLT3	11q23 (R)/9p21 (G)		Cytocell	
	ABL1	9q34.11-12 (R)/ 9q34.12-q34.13 (G)	B-ALL, B-ALL ped	Cytocell	
	DEK/NUP214	6p22.3 (G)/ 9q34.12-q34.13 (R)	AML	Cytocell	
CHROMOSOME 10	Cen 4 + Cen 10	4p11.1-4q11.1(R) + 10p11.1-10q11.1 (G)	B-ALL ped	Cytocell	
	MLL/MLLT10	11q23 (R)/10p12.31 (G)		Cytocell	

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Hematologies, Inc.

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CHROMOSOME 11	IGH/CCND1 (BCL1)	14q32.3 (G)/11q13 (R)	NHL, MM	Cytocell	x
	MLL (KMT2A)	11q23.3 (R/G)	AML	Cytocell	
	BLL-11q	11q23.3 (R)/11q24.3 (G)/11q13.3 (A)		Cytocell	
	NUP98	11p15 (R/G)	AML	Cytocell	
	MLL/MLLT3	11q23 (R)/9p21 (G)		Cytocell	
	MLL/MLLT10	11q23 (R)/10p12.31 (G)		Cytocell	
	TP53/ATM	17p13.1 (R)/11q22.3 (G)	CLL	Cytocell	
CHROMOSOME 12	TEL/AML1 (ETV6/RUNX1)	12p13.2 (R)/ 21q22.12 (G)	B-ALL	Cytocell	
	ETV6	12p13.2 (R/G)		Cytocell	
CHROMOSOME 13	D13S319 Plus + D12Z3	13q14.2 (R)/13q34 (G) + 12p11.1-12q11.1(A)	CLL	Cytocell	
	D13S319 Plus	13q14.2 (R)/13q34 (G)	MM	Cytocell	
	RB1/13qter	13q14.2 (R)/13q34 (G)		Cytocell	
CHROMOSOME 14	TCRAD (for TRA & TRD)	14q11.2 (R/G)	T-cell lymphoma	Cytocell	
	IGH	14q32.3 (R/G)	Reflex MM	Cytocell	
CHROMOSOME 15	PML/RARA	15q24.1 (R)/17q21 (G)	AML	Cytocell	
	Cen 3 + Cen 15	3p11.1-3q11.1 (R) + 15p11.1-15q11.1(G)	MM	Cytocell	
CHROMOSOME 16	IGH/MAF	14q32.3 (G)/16q23 (R)	Reflex MM	Cytocell	
	CBFA2T3/GLIS2	16q24.3 (R)/16p13.3 (G)		Cytocell	
	CBFB/MYH11	16q22.1 (R)/16p13.11 (G)	AML	Cytocell	
CHROMOSOME 17	TP53/ATM	17p13.1 (R)/11q22.3 (G)	CLL	Cytocell	
	TP53/D17Z1	17p13.1 (R)/ 17p11.1-q11.1 (G)	MDS, MM	Cytocell	
	PML/RARA	15q24.1 (R)/17q21.1-q21.2 (G)	AML	Cytocell	
	RARA	17q12-21 (R/G)		Abbott	
CHROMOSOME 18	MALT1	18q21.31-q21.32 (R/G)	NHL	Cytocell	x
	IGH/BCL2	14q32.3 (G)/ 18q21 (R)	NHL, DHL	Cytocell	x
	BCL2	18q21.33-q22.1 (R/G)		Cytocell	x
CHROMOSOME 19	E2A (TCF3)/PBX1	19p13.3 (G)/ 1q23.3 (R)	B-ALL ped	Cytocell	
	E2A	19p13.3 (R/G)		Cytocell	
	EPOR	19p13.2 (R/G)	Ph-like B-ALL	Cytocell	
CHROMOSOME 20	IGH/MAFB	14q32.3 (G)/ 20q12 (R)	Reflex MM	Cytocell	
	Del(20q) + D8Z2	20q12 (R)/ 20q13.12 (G) + 8p11.1-q11.1 (A)	MDS, AML	Cytocell	
CHROMOSOME 21	AML1/ETO (RUNX1/RUNX1T1)	21q22.12 (R)/ 8q21.3 (G)	AML	Cytocell	
	TEL/AML1 (ETV6/RUNX1)	12p13.2 (R)/ 21q22.12 (G)	B-ALL	Cytocell	
CHROMOSOME 22	BCR/ABL1/ASS1	22q11.22-q11.23 (G)/ 9q34.11-q34.12 (R)/ 9q34.11-q34.12 (A)	CML, B-ALL, T-ALL	Cytocell	
CHROMOSOME XY	DXZ1/DYZ3	Xp11.1-q11.1 (G)/Yp11.1-q11.1 (R)		Cytocell	
	CRLF2	Xp22.33/Yp11.32 (R/G)	Ph-like B-ALL	Cytocell	