

Fluorescence In Situ Hybridization (FISH)









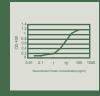




Western Blot



Sandwich ELISA



Immunohistochemistry



Immunofluorescence



Immunoprecipitation



Flow Cytometry

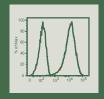
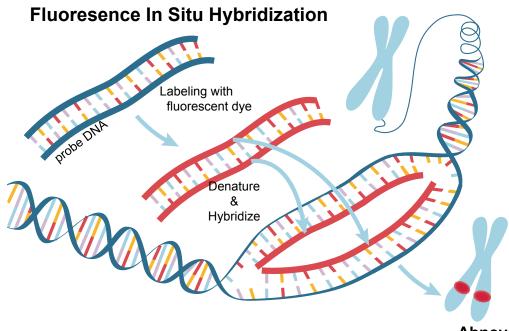




Table of Contents

Introduction	1
Gene FISH Probes	3
Split FISH Probes	13
Translocation FISH Probes	16
Chromosome FISH Probes	17
Subtelomere FISH Probes	20
Prenatal FISH Probes	24
Make to order	2
Accessory Kits & Reagents	29



Abnova Corporation

www.abnova.com

Email: sales@abnova.com

Address: 9F, No. 108, Jhouzih St., Neihu, Taipei 114, Taiwan

Tel: +886 2 8751 1888 Fax: +886 2 6602 1218

Fluorescence In Situ Hybridization (FISH)

FISH is a technique used to identify and localize the presence or absence of specific DNA sequences on cells and tissues. Abnova provides over 600 FISH probes for identification of gene amplification, split, translocation, subtelomere aberration, prenatal chromosomal aberration and chromosomal markers. It is fast, sensitive, and specific. We are expanding our FISH probe portfolio rapidly to meet your research needs. Custom-made probes are also available upon request.

Advantages

- Single, dual, and multiple colored probes for fast, sensitive, and specific detection
- Work on metaphase spread, paraffin embedded and frozen tissue
- High signal-to-noise ratio
- Low cross-reactivity

Preparation of FISH probe

1. Ready to Use

Gene FISH Probe (Cat # FGxxxx), Split FISH Probe (Cat # FSxxxx), Translocation FISH Probe (Cat # FTxxxx), Prenatal FISH Probe (Cat # FMxxxx), and Made to Order FISH Probe (Ca # FAxxxx) are ready to use, no need of any preparation.

2. Dilute Before Use

Chromosome FISH Probe (Cat # FCxxxx) and Subtelomere FISH Probe (Cat # FExxxx) are provided in 5x concentrated format, they should be either:

- A. Diluted to 1x with FISH Hybridization Buffer (Cat # U0028 or U0029) before use, OR
- B. Mixed with same category of FISH Probes (up to 5 different probes) to use, for example: Combine 2 different probes:
 - 1 volume of probe 1 (2 uL) + 1 volume of probe 2 (2 uL)
 - + 3 volume of FISH Hybridization Buffer (6 uL)

Combine 3 different probes:

- 1 volume of probe 1 (2 uL) + 1 volume of probe 2 (2 uL)
- + 1 volume of probe 3 (2 uL)
- + 2 volume of FISH Hybridization Buffer (4 uL)

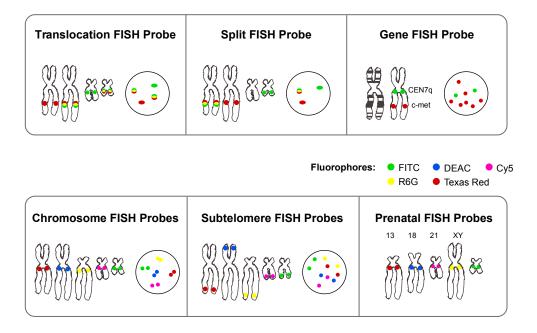
Recommended Filter Set

Fluorophore	Brand	Recommended filter set
Single fluorophore:		
FITC (EX. 426; EM. 480)	Semrock	SpGr-B
Texas Red (EX. 593; EM. 612)	Semrock	SpRed-B
DEAC (EX. 426; EM. 480)	Semrock	SpAqua-B
R6G (EX. 525; EM. 550)	Semrock	SpGold-B
Cy5 (EX. 650; EM. 668)	Semrock	CYS-4040B
Multiple fluorophore:		
FITC, Texas Red & DAPI	Semrock	DA/SpGr/SpRed-A

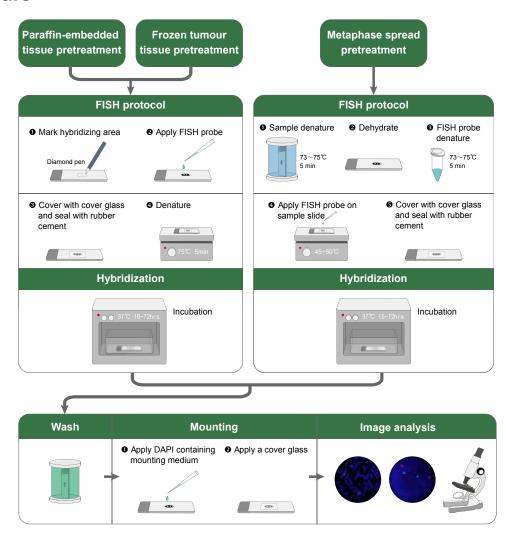
Note: EX. = excitation wavelength; EM. = emission wavelength



Product Lines



Procedure



	Product Information				
The land	Cat.Num Product Name	FG0034 AIB1/CEN20q FISH F	Probe		
被於	Probe 1 Probe 2 Probe Gap	Probe Name AIB1 CEN20q The gap between two	Size Approximately 350kb Approximately 680kb probes is approximately 9,	Fluorophore Texas Red FITC 300 kb.	Location 20q12 20q11.22
	Cat.Num Product Name	FG0066 AKT1/CEN14q FISH	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name AKT1 CEN14q The gap between two	Size Approximately 320kb Approximately 400kb probes is approximately 71	Fluorophore Texas Red FITC 1,800 kb.	Location 14q32.33 14q11.2
State .	Cat.Num Product Name	FG0014 AKT2/CEN19p FISH	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name AKT2 CEN19p The gap between two	Size Approximately 160kb Approximately 570kb probes is approximately 17	Fluorophore Texas Red FITC 7,800 kb.	Location 19q13.13 19p13.11
All the second	Cat.Num Product Name	FG0067 AKT3/CEN1q FISH P	robe		
	Probe 1 Probe 2 Probe Gap	Probe Name AKT3 CEN1q The gap between two	Size Approximately 600kb Approximately 600kb probes is approximately 88	Fluorophore Texas Red FITC 3,900 kb.	Location 1q43-q44 1q21.3
W. Com	Cat.Num Product Name	FG0036 ALK/CEN2p FISH Pro	bbe		
三分子	Probe 1 Probe 2 Probe Gap	Probe Name ALK CEN2p The gap between two	Size Approximately 540kb Approximately 670kb probes is approximately 55	Fluorophore Texas Red FITC 5,300 kb	Location 2p23 2p11.2
7 To 1	Cat.Num Product Name	FG0077 AMY/CEN1q FISH Pr	robe		
73	Probe 1 Probe 2 Probe Gap	Probe Name AMY CEN1q The gap between two	Size Approximately 240kb Approximately 600kb probes is approximately 49	Fluorophore Texas Red FITC 9,600 kb.	Location 1p21.1 1q21.3
to the	Cat.Num Product Name	FG0021 APC/CEN5q FISH Pr	obe		
	Probe 1 Probe 2 Probe Gap	Probe Name APC CEN5q The gap between two	Size Approximately 420kb Approximately 700kb probes is approximately 59	Fluorophore Texas Red FITC 9,200 kb.	Location 5q22.2 5q11.2
	Cat.Num Product Name	FG0068 APRT/CEN16q FISH	Probe		
17.7°	Probe 1 Probe 2 Probe Gap	Probe Name APRT CEN16q The gap between two	Size Approximately 330kb Approximately 700kb probes is approximately 38	Fluorophore Texas Red FITC 9,000 kb.	Location 16q24.3 16q12.1



Product Informa	ation				l
Cat.Num Product Name	FG0055 ATOX1/CEN5q FISH				NEXT MAN
Drobe 4	Probe Name	Size	Fluorophore	Location	The way the contract
Probe 1	ATOX1	Approximately 250kb	Texas Red	5q32	
Probe 2 Probe Gap	CEN5q	Approximately 700kb probes is approximately 98	FITC	5q11.2	1. 5.5
1 1000 Cup	The gap between two	o probes is approximately so	,500 KD.		
Cat.Num Product Name	FG0056 ATP7A/CENXp FISH	Probe			1 Aikel
	Probe Name	Size	Fluorophore	Location	31 - 6 -
Probe 1	ATP7A	Approximately 350kb	Texas Red	Xq21.1	WY 165
Probe 2	CENXp	Approximately 550kb	FITC	Xp11.22	
Probe Gap	The gap between two	o probes is approximately 27	7,500 kb.		
Cat.Num	500057				
Product Name	FG0057 ATP7B/CEN13q FISH	H Probe			(美一点里
	Probe Name	Size	Fluorophore	Location	NO STATE OF THE PARTY.
Probe 1	ATP7B	Approximately 350kb	Texas Red	13q14.3	17 July 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Probe 2	CEN13q	Approximately 550kb	FITC	13q12.11	A COLUMN
Probe Gap	The gap between two	o probes is approximately 24	,100 kb.		
Cat.Num	FG0069				
Product Name	BRCA1/CEN17q FIS	H Probe			7
	Probe Name	Size	Fluorophore	Location	
Probe 1	BRCA1	Approximately 150kb	Texas Red	17q21.31	
Probe 2	CEN17q	Approximately 540kb	FITC	17q11.2	
Probe Gap	The gap between two	o probes is approximately 9,3	200 kb.		
Cat.Num	FG0030				J 31 150
Product Name	CALR/CEN19q FISH	Probe			225 1 1 1 1 1 1 1 1 1 1
	Probe Name	Size	Fluorophore	Location	0.516.5
Probe 1	CALR	Approximately 260kb	Texas Red	19p13.1-13.2	The following of the second
Probe 2	CEN19q	Approximately 400kb	FITC	19q12	
Probe Gap	The gap between two	probes is approximately 17	,100 kb.		
Cat.Num	FG0010				
Product Name	CCND1/CEN11p FIS	H Probe			(00)
	Duebe News	Simo.	Elugranham	Loostina	
Probe 1	Probe Name	Size	Fluorophore	Location	
Probe 1 Probe 2	CCND1	Approximately 400kb	Texas Red FITC	11q13	
Probe Gap	CEN11p The gap between two	Approximately 630kb probes is approximately 21		11p11.12	
,	3-p two	,	,		
Cat.Num	FG0052	11.0			190
Product Name	CCND1/CEN11p FIS	H Probe			ALCONO COM
	Probe Name	Size	Fluorophore	Location	3
Probe 1	CCND1	Approximately 270kb	Texas Red	11q13	
Probe 2	CEN11p	Approximately 630kb	FITC	11p11.12	Section 1
Probe Gap	•	o probes is approximately 21	I,600 kb.		
Cat.Num	FG0084				
Product Name	CCND3/CEN6p FISH	l Probe			4, 19
	Probe Name	Size	Fluorophore	Location	
Probe 1	CCND3	Approximately 260kb	Texas Red	6p21.1	
Probe 2	CEN6p	Approximately 660kb	FITC	6p12.1	Marie
Probe Gap	The gap between two	o probes is approximately 6,	200 kb.		



	Product Information				
SAL COMMENT	Cat.Num Product Name	FG0013 CCNE1/CEN19p FISH	H Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name CCNE1 CEN19p The gap between two	Size Approximately 150kb Approximately 570kb probes is approximately 7,	Fluorophore Texas Red FITC 350 kb.	Location 19q12 19p13.11
	Cat.Num Product Name	FG0070 CDH1/CEN16q FISH	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name CDH1 CEN16q The gap between two	Size Approximately 390kb Approximately 700kb probes is approximately 19	Fluorophore Texas Red FITC 0,100 kb.	Location 16q22.1 16q12.1
25	Cat.Num Product Name	FG0033 CDK4/CEN12q FISH	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name CDK4 CEN12q The gap between two	Size Approximately 350kb Approximately 580kb probes is approximately 13	Fluorophore Texas Red FITC 3,900 kb.	Location 12q14.1 12q12
18 mm	Cat.Num Product Name	FG0032 CHGA-ITPK1/CEN14	q FISH Probe		
- Pro-	Probe 1 Probe 2 Probe Gap	Probe Name CHGA-ITPK1 CEN14q The gap between two	Size Approximately 270kb Approximately 400kb probes is approximately 59	Fluorophore Texas Red FITC 9,900 kb.	Location 14q32 14q11.2
With the	Cat.Num Product Name	FG0071 CKS1B/CEN1p FISH	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name CKS1B CEN1p The gap between two	Size Approximately 170kb Approximately 780kb probes is approximately 44	Fluorophore Texas Red FITC	Location 1q21 1p13.3
THE STATE OF THE S	Cat.Num Product Name	FG0004 c-met/CEN7q FISH P	robe		
	Probe 1 Probe 2 Probe Gap	Probe Name c-met CEN7q The gap between two	Size Approximately 270kb Approximately 820kb probes is approximately 51	Fluorophore Texas Red FITC 1,200 kb.	Location 7q31 7q11.21
The contract of	Cat.Num Product Name	FG0009 c-myc/CEN8p FISH P	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name c-myc CEN8p The gap between two	Size Approximately 240kb Approximately 520kb probes is approximately 88	Fluorophore Texas Red FITC 8,100 kb.	Location 8q24.12-q24.13 8p11.21
And the state of t	Cat.Num Product Name	FG0065 c-myc/CEN8p FISH P	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name c-myc CEN8p The gap between two	Size Approximately 160kb Approximately 520kb probes is approximately 88	Fluorophore Texas Red FITC 3,100 kb.	Location 8q24.12-q24.13 8p11.21



Product Informati Cat.Num Product Name	FG0080 CSF1R/CEN5q FISH F				
Product Name					
		Probe			
Probe 1	Probe Name CSF1R	Size Approximately 150kb	Fluorophore Texas Red	Location 5q32	
Probe 2 Probe Gap	CEN5q The gap between two	Approximately 700kb probes is approximately 96	FITC ,720 kb.	5q11.2	
Cat.Num Product Name	FG0008 CX43/CEN6 FISH Pro	be			wet.
Probe 1 Probe 2	Probe Name CX43 CEN6p	Size Approximately 150kb Approximately 660kb	Fluorophore Texas Red FITC	Location 6q21-q23.2 6p12.1	1500
Probe Gap	The gap between two	probes is approximately 66	,600 kb.		0
Cat.Num Product Name	FG0043 CXCL1/CEN4q FISH F	Probe			PA A
Probe 1	Probe Name CXCL1	Size Approximately 350kb	Fluorophore Texas Red	Location 4q21	ART CONTRACTOR
Probe 2	CEN4q	Approximately 650kb	FITC	4q12	300
Probe Gap	rne gap between two	probes is approximately 16	, TUU KD		
Cat.Num Product Name	FG0081 CYP2D6/CEN22q FIS	H Probe			Ser Dy Control
Probe 1	Probe Name CYP2D6	Size Approximately 130kb	Fluorophore Texas Red	Location 22q13.2	家一堂 "
Probe 2 Probe Gap	CEN22q The gap between two	Approximately 620kb probes is approximately 17	FITC ,220 kb.	22q11.22	1970 V
Cat.Num Product Name	FG0045 DTNB/CEN2p FISH Pi	robe			(大)
Probe 1	Probe Name	Size Approximately 380kb	Fluorophore Texas Red	Location 2p24	Section 1
Probe 2 Probe Gap	CEN2p	Approximately 670kb probes is approximately 59	FITC	2p11.2	
Cat.Num Product Name	FG0015 DYRK1A/CEN21q FIS	H Probe			18
	Probe Name	Size	Fluorophore	Location	70.35
Probe 1 Probe 2	DYRK1A CEN21q	Approximately 570kb Approximately 520kb	Texas Red FITC	21q22.13 21q11.2	4 ME
Probe Gap		probes is approximately 14	,000 kb.		
Cat.Num Product Name	FG0005 EGFR/CEN7q FISH P	robe			· 2 /
Probe 1	Probe Name EGFR	Size Approximately 300kb	Fluorophore Texas Red	Location 7p12	170 - 1
Probe 2 Probe Gap	CEN7q	Approximately 820kb probes is approximately 8,9	FITC	7q11.21	W. J. W.
Cat.Num Product Name	FG0037 ERCC1/CEN19p FISH	l Probe			44
Droho 1	Probe Name	Size	Fluorophore	Location	4257
Probe 1 Probe 2 Probe Gap	ERCC1 CEN19p The gap between two	Approximately 320kb Approximately 570kb probes is approximately 22	Texas Red FITC ,900 kb	19q13.32 19p13.11	STEET .



	Product Information				
45.54	Cat.Num Product Name	FG0001 FGF23/CEN12p FISH	l Probe		
THE WAY	Probe 1 Probe 2 Probe Gap	Probe Name FGF23 CEN12p The gap between two	Size Approximately 300kb Approximately 530kb probes is approximately 25	Fluorophore Texas Red FITC 5,100 kb.	Location 12p13 12p11.22
State Com	Cat.Num Product Name	FG0058 FGF3,FGF4/CEN11p	FISH Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name FGF3,FGF4 CEN11p The gap between two	Size Approximately 320kb Approximately 630kb probes is approximately 21	Fluorophore Texas Red FITC ,900 kb.	Location 11q13.3 11p11.12
Atom and	Cat.Num Product Name	FG0049 FGFR1/CEN8q FISH	Probe		
TO THE REAL PROPERTY.	Probe 1 Probe 2 Probe Gap	Probe Name FGFR1 CEN8q The gap between two	Size Approximately 320kb Approximately 520kb probes is approximately 11	Fluorophore Texas Red FITC ,000 kb	Location 8p12 8q11.21
200	Cat.Num Product Name	FG0018 FGFR2/CEN10p FISH	l Probe		
an The Control of the	Probe 1 Probe 2 Probe Gap	Probe Name FGFR2 CEN10p The gap between two	Size Approximately 330kb Approximately 640kb probes is approximately 91	Fluorophore Texas Red FITC ,200 kb.	Location 10q26 10p11.22
XX A	Cat.Num Product Name	FG0050 FGFR3/CEN4p FISH	Probe		
Fifth	Probe 1 Probe 2 Probe Gap	Probe Name FGFR3 CEN4q The gap between two	Approximately 400kb Approximately 650kb Probes is approximately 55	Fluorophore Texas Red FITC 5,800 kb	Location 4p16.3 4q13
1 KIII	Cat.Num Product Name	FG0051 FGFR4/CEN5q FISH	Probe		
意思 1	Probe 1 Probe 2 Probe Gap	Probe Name FGFR4 CEN5q The gap between two	Size Approximately 450kb Approximately 700kb probes is approximately 12	Fluorophore Texas Red FITC 23,600 kb	Location 5q35.1 5q11.2
But & Suff	Cat.Num Product Name	FG0083 GINS3/CEN16q FISH	l Probe		
对意.	Probe 1 Probe 2 Probe Gap	Probe Name GINS3 CEN16q The gap between two	Size Approximately 370kb Approximately 700kb p probes is approximately 8,	Fluorophore Texas Red FITC 660 kb.	Location 16q21 16q12.1
feet and	Cat.Num Product Name	FG0006 HER2/CEN17q FISH	Probe		
338	Probe 1 Probe 2 Probe Gap	Probe Name HER2 CEN17q The gap between two	Size Approximately 220kb Approximately 540kb probes is approximately 5,	Fluorophore Texas Red FITC 700 kb.	Location 17q21.1 17q11.2

Product Informa	ation				1
Cat.Num Product Name	FG0023 HER3/CEN12p FISH	Probe			totally,
Probe 1	Probe Name HER3	Size Approximately 320kb	Fluorophore Texas Red	Location 12q13	ET 25
Probe 2 Probe Gap	CEN12p The gap between two	Approximately 530kb probes is approximately 36	FITC 5,000 kb.	12p11.22	1911
Cat.Num Product Name	FG0024 HER4/CEN2p FISH F	Probe			with the same
Probe 1	Probe Name HER4	Size Approximately 360kb	Fluorophore Texas Red	Location 2q33-q34	Y.F.
Probe 2 Probe Gap	CEN2p The gap between two	Approximately 670kb probes is approximately 12	FITC	2p11.2	To the
Cat.Num Product Name	FG0072 KLHDC7A/CEN1p FI	SH Probe			*
Troduct Name	Probe Name	Size	Fluorophore	Location	
Probe 1 Probe 2	KLHDC7A CEN1p	Approximately 290kb Approximately 780kb	Texas Red FITC	1p36.13 1p13.3	
Probe Gap	•	p probes is approximately 90		.p 10.0	-/2-/
Cat.Num Product Name	FG0017 KRAS/CEN12q FISH	Probe			The same
Probe 1	Probe Name KRAS	Size Approximately 250kb	Fluorophore Texas Red	Location 12p12	
Probe 2 Probe Gap	CEN12q The gap between two	Approximately 580kb probes is approximately 17	FITC 7,900 kb.	12q12	A CONTRACTOR
Cat.Num Product Name	FG0059 LAMP2/CENXp FISH	l Probe			POW ME
Probe 1	Probe Name LAMP2	Size Approximately 250kb	Fluorophore Texas Red	Location Xq24	A A ST WAR
Probe 2 Probe Gap	CENXp The gap between two	Approximately 550kb probes is approximately 70	FITC),000 kb.	Xp11.22	2) A
Cat.Num Product Name	FG0060 LC3/CEN20p FISH P	Probe			N5, 1
	Probe Name	Size	Fluorophore	Location	之。成 ()
Probe 1 Probe 2	LC3 CEN20p	Approximately 400kb Approximately 400kb	Texas Red FITC	20q11.22 20p11.21	经产业 网络
Probe Gap	• ,	probes is approximately 10	,400 KD.		
Cat.Num Product Name	FG0020 MDM2/CEN12p FISH	H Probe			2. 6
Probe 1	Probe Name MDM2	Size Approximately 270kb	Fluorophore Texas Red	Location 12q14.3-q15	(1) (1)
Probe 2 Probe Gap	CEN12p The gap between two	Approximately 530kb probes is approximately 38	FITC 3,700 kb.	12p11.22	6 72 H
Cat.Num Product Name	FG0054 MDM4/CEN1q FISH	Probe			J. Burn
Probe 1	Probe Name MDM4	Size Approximately 350kb	Fluorophore Texas Red	Location 1q32	1384
Probe 2 Probe Gap	CEN1q The gap between two	Approximately 600kb probes is approximately 49	FITC 9,700 kb.	1q21.3	160
					



	Product Information				
well a	Cat.Num Product Name	FG0040 MEN1/CEN11p FISH	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name MEN1 CEN11p The gap between two	Size Approximately 500kb Approximately 630kb probes is approximately 16	Fluorophore Texas Red FITC ,700 kb	Location 11q13 11p11.12
455 A	Cat.Num Product Name	FG0016 MLL/CEN11p FISH P	robe		
1 192 1	Probe 1 Probe 2 Probe Gap	Probe Name MLL CEN11p The gap between two	Size Approximately 380kb Approximately 630kb probes is approximately 70	Fluorophore Texas Red FITC ,500 kb.	Location 11q23.3 11p11.12
China and	Cat.Num Product Name	FG0082 MODY1/CEN20q FIS	H Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name MODY1 CEN20q The gap between two	Size Approximately 480kb Approximately 680kb probes is approximately 6,7	Fluorophore Texas Red FITC 120 kb.	Location 20q13.12 20q11.22
13/2	Cat.Num Product Name	FG0048 MYCN/CEN2p FISH F	Probe		
No and Was	Probe 1 Probe 2 Probe Gap	Probe Name MYCN CEN2p The gap between two	Size Approximately 270kb Approximately 670kb probes is approximately 69	Fluorophore Texas Red FITC ,000 kb	Location 2p24.1 2p11.2
14 1	Cat.Num Product Name	FG0079 NES/CEN1p FISH Pro	bbe		
	Probe 1 Probe 2 Probe Gap	Probe Name NES CEN1p The gap between two	Size Approximately 290kb Approximately 780kb probes is approximately 45	Fluorophore Texas Red FITC ,860 kb.	Location 1p23.1 1p13.3
公本之	Cat.Num Product Name	FG0053 NF1/CEN17q FISH P	robe		
NEY TOWN	Probe 1 Probe 2 Probe Gap	Probe Name NF1 CEN17q The gap between two	Size Approximately 260kb Approximately 540kb probes is approximately 2,7	Fluorophore Texas Red FITC 740 kb.	Location 17q11.2 17q11.2
with the	Cat.Num Product Name	FG0003 NF2/CEN22q FISH P	robe		
10000	Probe 1 Probe 2 Probe Gap	Probe Name NF2 CEN22q The gap between two	Size Approximately 300kb Approximately 620kb probes is approximately 4,	Fluorophore Texas Red FITC 000 kb.	Location 22q12.2 22q11.22
Jan.	Cat.Num Product Name	FG0061 p14/CEN11p FISH Pr	obe		
	Probe 1 Probe 2 Probe Gap	Probe Name p14 CEN11p The gap between two	Size Approximately 270kb Approximately 630kb probes is approximately 19	Fluorophore Texas Red FITC 0,600 kb.	Location 11q13.2 11p11.12



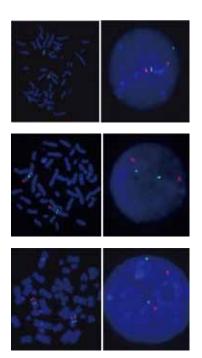
Probe Name Size Fluorophore Location Trotal Probe Gap The gap between two probes is approximately 24.700 kb. Probe Name Size Fluorophore Location Texas Red 6212 Probe Gap The gap between two probes is approximately 470 kb. Probe Name Size Fluorophore Location Texas Red 6212 Probe Gap The gap between two probes is approximately 470 kb. Probe Name Size Fluorophore Gapt 1 Trotal Probe Size Fluorophore Location Texas Red 6212 Probe Gap The gap between two probes is approximately 470 kb. Probe Name Size Fluorophore Location Texas Red 6212 Probe Gap The gap between two probes is approximately 24.700 kb. Probe Name Size Fluorophore Location Texas Red 6212 Probe Gap The gap between two probes is approximately 24.700 kb. Probe Name Size Fluorophore Location Texas Red 6212 Probe Gap The gap between two probes is approximately 24.700 kb. Probe Name Size Fluorophore Location Texas Red 6212 Probe Gap
Probe Name
Probe Probe Approximately 110kb Texas Red Sp21
Probe CENNg
The gap between two probes is approximately 49,380 kb.
The gap between two probes is approximately 49,380 kb.
probe Name Size Fluorophore Location pS3/CENSp Approximately 270kb FITC 6p12.1 at Num FG0011 pS3/CEN17q FISH Probe Probe Name Size Fluorophore Location pS3/CEN17q FISH Probe Probe Name Size Fluorophore Location pS3 CEN17q Approximately 190kb Texas Red 17p13.1 pS3 CEN17q Approximately 540kb FITC 17q11.2 at Num FG0073 at Num FG0073 at Num FG0073 at Num FG0073 between two probes is approximately 24,700 kb. Approximately 190kb Texas Red 17p13.1 pS3 CEN17q Approximately 24,700 kb. Approximately 540kb FITC 17q11.2 Approximately 280kb Texas Red 3q26.32 pS4 Approximately 280kb Texas Red 3q26.32 pS5 Approximately 280kb Texas Red 3q26.32 pS6 Approximately 280kb Texas Red 10q21.1 at Num FG0019 pTEN/CEN10p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q23 pThe gap between two probes is approximately 57,500 kb. At Num FG003 pPTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location Texas Red 20q12-q13 pTPRT Approximately 450kb FITC 20q11.22 Deb Gap The gap between two probes is approximately 57,500 kb. At Num FG0078 at Num FG0078 At Num FG0078 RET/CEN10p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q11.2 Deb Gap The gap between two probes is approximately 4,200 kb At Num FG0078 RET/CEN10p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q11.2 Deb Gap The gap between two probes is approximately 11,500 kb. At Num FG0031 RUNX2/CEN3p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q11.2 Deb Gap The gap between two probes is approximately 11,500 kb. At Num FG0031 RUNX2/CEN3p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q11.2 Deb Gap The gap between two probes is approximately 11,500 kb. At Num FG0031 RUNX2/CEN3p FISH Probe Probe Name Size Fluorophore Location Texas Red 6p21 Texas Red 6p2
Probe Name Size Fluorophore Location p83 (2FN) Approximately 270kb FITC 6p12.1 th.Num FG0011 p93 Approximately 11,500 kb. th.Num FG0011 p63 (2FN) Approximately 11,500 kb. th.Num FG0011 p63 (2FN) Approximately 11,500 kb. th.Num FG0011 p63 (2FN) Approximately 190kb Texas Red 17p13.1 p63 (2FN) Approximately 190kb Texas Red 17p13.1 p63 (2FN) Approximately 24,700 kb. th.Num FG0073 p18(3CA/CEN3q FISH Probe Probe Name Size Fluorophore Location p18(3CA/CEN3q FISH Probe) Probe Name Size Fluorophore Texas Red 3q26.32 p18(3CA/CEN3q FISH Probe) Probe Name Size Fluorophore Texas Red 3q26.32 p18(3CA/CEN3q FISH Probe) Probe Name Size Fluorophore Texas Red 3q26.32 p18(3CA/CEN3q FISH Probe) Probe Name Size Fluorophore Texas Red 3q26.32 p18(3CA/CEN3q FISH Probe) Probe Name Size Fluorophore Location p18(3CA/CEN3q Approximately 450kb Texas Red 10q11.22 p18(3CA/CEN3q Approximately 450kb FITC 20q11.22 p18(3CA/CEN3q Approximately 450kb FITC 10p11.22 p18(3C
Probe Name Size Fluorophore Centro P21 Approximately 270kb FITC 6p12.1 The gap between two probes is approximately 11,500 kb. at.Num FG0011 p53 Approximately 190kb Texas Red 17p13.1 FITC 70kb P17
Probe 1 p21 Approximately 270kb Texas Red 6p21.2 CENSp Approximately 660kb FITC 6p12.1 The gap between two probes is approximately 11,500 kb. Probe Name Size Fluorophore Location 17913.1 Find gap between two probes is approximately 24,700 kb. Probe Name FG0073 Probe 1 p3 Approximately 24,700 kb. Probe Name FG0073 Product Name PRISCA/CEN3q FISH Probe Probe Name Size Fluorophore Location 17913.1 Probe 1 pRISCA/CEN3q FISH Probe Probe Name PRISCA/CEN3q FISH Probe Probe Name Size Fluorophore Location 17913.1 Product Name PRISCA/CEN3q FISH Probe Probe Name Size Fluorophore Location 17913.1 Probe 2 CEN3q Approximately 500kb FITC 3q12.1 Probe 3q12.1 Probe Name Product Name Probe Name Size Fluorophore Location 17913.2 Probe 1 priscA/CEN3q Probe Probe Name Probe Name Probe Name Size Fluorophore Location 17913.2 Probe 2 CEN10p Approximately 640kb FITC 10p11.22 Probe 3q12.1 Probe 3q12.1 Probe Name
Probe 2 CEN6p Approximately 680kb FITC Rep12.1 The gap between two probes is approximately 11,500 kb. Eat Num FG0011 p53/CEN17q FISH Probe Probe Name Size Fluorophore Location p53 Approximately 190kb Texas Red 17p13.1 Probe 2 CEN17q Approximately 50kb FITC 17q11.2 Trobe 2 CEN17q Approximately 24,700 kb. Eat Num FG0073 Probe Name Size Fluorophore Location PRISCA/CEN3q FISH Probe Probe Name Size Fluorophore Location Texas Red 3q26.32 Probe 1 PIRSCA/CEN3q FISH Probe FITC 3q12.1 Probe 2 CEN3q Approximately 280kb FITC 3q12.1 Probe 2 CEN3q Approximately 500kb FITC 3q12.1 Probe 3 The gap between two probes is approximately 82,800 kb. Eat Num FG0019 PTEN/CEN10p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q23 approximately 22,800 kb. Eat Num FG0038 PTEN/CEN10p FISH Probe FitC 10p11.22 Probe 2 CEN10p Approximately 470kb Texas Red 10q23 approximately 22,800 kb. Eat Num FG0038 PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location Texas Red 20q12-q13 approximately 450kb Texas Red 20q12-q13 approximately 450kb FITC 20q11.22 Probe 2 CEN20q Approximately 450kb FITC 20q11.22 Eat Num FG0038 PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q11.2 approximately 450kb FITC 10p11.22 Eat Num FG0078 RET Approximately 400kb FITC 10p11.22 Eat Num FG0078 RET Approximately 400kb FITC 10p11.22 Eat Num FG0069 The gap between two probes is approximately 11,600 kb. Eat Num FG0031 RUNX2/CEN6p FISH Probe FITC 10p11.22 Probe 1 RET Approximately 400kb FITC 10p11.22 Eat Num FG0031 RUNX2/CEN6p FISH Probe FITC 6p12.1
The gap between two probes is approximately 11,500 kb. Cat Num FG0011 p53/CEN17q FISH Probe Probe Name Size Fluorophore Location PF000 CEN17q Approximately 540kb FITC Tq11.2 Cat Num FG0073 PR3CAC/EN13q FISH Probe Probe Name Size Fluorophore Location PF08 Name Size Fluorophore Location PF18 Napproximately 470kb Texas Red 10q23 PF09 Name Size Fluorophore Location PF18 Napproximately 470kb Texas Red 10q23 PF09 Name Size Fluorophore Location PF18 Napproximately 460kb FITC 10p11.22 PF09 Name Size Fluorophore Location PF18 Napproximately 640kb FITC 10p11.22 PF09 Name Size Fluorophore Location PF18 Napproximately 450kb Texas Red 20q12-q13 PF09 Name Size Fluorophore Location PF18 Napproximately 450kb Texas Red 20q12-q13 PF09 Name Size Fluorophore Location PF18 Napproximately 450kb Texas Red 20q12-q13 PF09 Name Size Fluorophore Location PF18 Napproximately 450kb Texas Red 20q12-q13 PF09 Name Size Fluorophore Location PF
robe 1 Probe Name Size Fluorophore Location roduct Name Probe Name Size Fluorophore Location p53 Approximately 190kb Texas Red 17p13.1 Trobe 2 CEN17q Approximately 540kb FITC 17q11.2 Trobe Gap The gap between two probes is approximately 24,700 kb. Tata Num Probe Name Size Fluorophore Location p183CA Approximately 280kb Texas Red 3q26.32 Trobe 2 CEN3q Approximately 500kb FITC 3q12.1 Trobe CEN3q Approximately 82.800 kb. Texas Red 3q26.32 Trobe CEN3q Approximately 500kb FITC 3q12.1 Trobe CEN3q Approximately 82.800 kb. Texas Red 10q23 Trobe CEN10p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q23 Trobe 2 CEN10p Approximately 470kb Texas Red 10q23 Trobe CEN10p Approximately 470kb Texas Red 10q23 Trobe 2 CEN10p Approximately 640kb FITC 10p11.22 Trobe CEN10p Approximately 640kb FITC 20q11.22 Trobe 2 CEN10p Approximately 640kb FITC 20q11.22 Trobe 2 CEN20q Approximately 450kb FITC 20q11.22 Trobe 2 CEN20q Approximately 450kb FITC 20q11.22 Trobe CEN20q Approximately 480kb FITC 20q11.22 Trobe CEN10p Approximately 480kb FITC 10p11.22 Trobe CEN10p Approximately 480kb FITC 6p12.1
Probe Name Size Fluorophore Location Trobe 1 Probe Name Size Fluorophore Location Trobe 2 CEN17q Approximately 190kb FITC 17q11.2 Frobe Gap The gap between two probes is approximately 24,700 kb. Probe Name Size Fluorophore Location Trobe 1 Prisa Approximately 280kb FITC 3q12.1 First Probe CEN3Q Approximately 280kb FITC 3q12.1 First Probe Probe Name Size Fluorophore Location Trobe 1 PRISACA Approximately 500kb FITC 3q12.1 First Probe Gap The gap between two probes is approximately 82,800 kb. Probe Name Size Fluorophore Location Texas Red 10q23 The gap between two probes is approximately 500kb FITC 10q11.2 First Probe CEN1Q Approximately 470kb FITC 10q12.2 First Probe Gap The gap between two probes is approximately 57,500 kb. Probe Name Size Fluorophore Location Texas Red 10q23 10p11.2 First Probe CEN1Q Approximately 450kb FITC 20q12.2 First Probe Gap The gap between two probes is approximately 57,500 kb. Probe Name Size Fluorophore Location Texas Red 20q12-q13 20q12.2 The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location Texas Red 20q12-q13 20q12.2 The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location Texas Red 10q11.2 The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location Texas Red 10q11.2 The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location Texas Red 10q11.2 The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location Texas Red 10q11.2 The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location Texas Red 6p21 The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location Texas Red 6p21 The gap between two probes is approximately 11,600 kb.
Probe Name Size Fluorophore Location
Approximately 190kb Texas Red 17p13.1 ryobe 2 CEN17q Approximately 540kb FITC 17q11.2 ryobe 3p between two probes is approximately 24,700 kb. Cat Num FG0073 Fish Probe Probe Name Size Fluorophore Jeach Inc. 3q12.1 ryobe 2 CEN3q Approximately 280kb FITC 3q12.1 ryobe 2 CEN3q Approximately 280kb FITC 3q12.1 ryobe 2 CEN3q Approximately 82,800 kb. Cat Num FG0073 Fish Probe Probe Name Size Fluorophore Location Texas Red 3q26.32 ryobe 3q12.1 ryobe 2 CEN10p Approximately 42,700 kb. Probe Name Size Fluorophore Location Texas Red 10q23 ryobe 3q12.1 ryobe 2 CEN10p Approximately 470kb FITC 10p11.22 ryobe 3q12.1 ryobe 2 CEN10p Approximately 460kb FITC 10p11.22 ryobe 3q12.1 ryobe 2 CEN10p Approximately 57,500 kb. Cat Num FG0038 Fish Probe Probe Name Size Fluorophore Location PTPRT Approximately 450kb FITC 20q11.22 ryobe 3q12.2 ryobe
Probe 1 p53 Approximately 190kb Texas Red 17p13.1 revote 2 CEN17q Approximately 540kb FITC 17q11.2 revote 2 CEN17q Approximately 540kb FITC 17q11.2 revote 2 CEN17q Approximately 24,700 kb. Probe 3 The gap between two probes is approximately 24,700 kb. Product Name Pik3C2A/CEN3q FISH Probe Probe Name Size Fluorophore Location Pik3C2A/CEN3q Approximately 280kb Texas Red 3q26.32 revote 2 CEN3q Approximately 500kb FITC 3q12.1 revote 2 CEN3q Approximately 82,800 kb. Probe 1 The gap between two probes is approximately 82,800 kb. Probe Name Pien/CEN10p FISH Probe Probe Name Size Fluorophore Location Pien Pien Approximately 470kb Texas Red 10q23 revoted 2 CEN10p Approximately 460kb FITC 10p11.22 revoted 2 CEN10p Approximately 57,500 kb. Probe 1 Pien Approximately 450kb FITC 10p11.22 revoted 1 Pien Approximately 450kb FITC 10p11.22 revoted 1 Pien Approximately 450kb FITC 20q11.22 revoted 2 CEN20q Approximately 450kb FITC 20q11.22 revoted 2 CEN20q Approximately 450kb FITC 20q11.22 revoted 2 CEN20q Approximately 450kb FITC 20q11.22 revoted 3 Retricted 1 Retricte
Probe 2 Probe Gap Probe Gap Probe Gap Probe Mame Probe Name Probe Name Probe Name Probe Name Probe Name Probe Size Probe 1 Probe Name Probe Nam
Probe Gap The gap between two probes is approximately 24,700 kb. Product Name Probe Name Probe Name Probe Name Probe Name Size Fluorophore Probe 2 CEN3q Approximately 280kb Texas Red 3q26.32 3q26.32 3q12.1 Probe 2 CEN3q The gap between two probes is approximately 82,800 kb. Product Name Product Name Product Name Product Name Probe
Probe Name Size Fluorophore Location Tobe 1 PTEN Approximately 470kb FITC 10p11.22 Tobe Gap The gap between two probes is approximately 50, 50 kb. Probe Name Size Fluorophore Location Tobe 1 PTEN Approximately 470kb Texas Red 10q23 Tobe Gap The gap between two probes is approximately 50, 50 kb. Probe Name Size Fluorophore Location Tobe 1 PTEN Approximately 470kb Texas Red 10q23 Tobe Gap The gap between two probes is approximately 57,500 kb. Probe Name Size Fluorophore Location Tobe 1 PTEN Approximately 57,500 kb. Probe Name Size Fluorophore Location Tobe 1 PTPRT Approximately 450kb FITC 10p11.22 Tobe Size Probe Size Fluorophore Location Tobe 1 PTPRT Approximately 450kb FITC 20q11.22 Tobe Gap The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location Tobe 1 PTPRT Approximately 680kb FITC 20q11.22 Tobe Gap The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location Tobe 1 PTPRT Approximately 680kb FITC 20q11.22 Tobe Gap The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location Tobe 1 RET Approximately 640kb FITC 10p11.22 Tobe 2 CEN10p Approximately 640kb FITC 10p11.22
Probe Name Size Fluorophore Location Obe 1 Probe Name Size Fluorophore Location Obe 2 CEN3q Approximately 500kb FITC 3q12.1 Al. Num FG0019 Obe 4 PTEN Approximately 470kb Fuce Texas Red 10q23 Obe 5 The gap between two probes is approximately 57,500 kb. Probe Name Size Fluorophore Location Texas Red 10q23 Obe 6 The gap between two probes is approximately 57,500 kb. Probe Name Size Fluorophore Location Texas Red 10q23 Obe 6 Texas Red 10q23 Obe 6 Texas Red 10p11.22 Obe 6 Texas Red 10p11.22 Obe 6 Texas Red 20q12-q13 Obe 2 CEN10p Approximately 57,500 kb. Probe Name Size Fluorophore Location Obe 1 PTERT Approximately 450kb Texas Red 20q12-q13 Obe 2 CEN20q Approximately 450kb FITC 20q11.22 Obe 6 Gap The gap between two probes is approximately 4,200 kb Al. Num FG0078 RET/CEN10p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q11.2 Obe 1 PTERT Approximately 4,200 kb Al. Num FG0078 RET/CEN10p FISH Probe Probe Name Size Fluorophore Location Texas Red 10q11.2 Obe 1 RET Approximately 200kb FITC 10p11.22 Obe 6 Texas Red 10q11.2 Obe 2 CEN10p Approximately 200kb FITC 10p11.22 Obe 6 Texas Red 10q11.2 Obe 2 CEN10p Approximately 40kb FITC 10p11.22 Obe 6 Texas Red 10q11.2 Obe 2 CEN10p Approximately 40kb FITC 10p11.22 Obe 6 Texas Red 10q11.2 Obe 6 Texas Red 10q11.2 Obe 7 Texas Red 10q11.2 Obe 8 Texas Red 10q11.2 Obe 9 Texas Red 10q11.2 Obe 9 Texas Red 10q11.2 Obe 1 RET Approximately 40kb FITC 10p11.22 Obe 6 Texas Red 6p21 Obe 1 RUNX2 Approximately 230kb Texas Red 6p21 Obe 2 CEN6p Approximately 230kb FITC 6p12.1
Probe Name Size Fluorophore Location Texas Red 3q26.32 Trobe 2 CEN3q Approximately 280kb FITC 3q12.1 Approximately 500kb FITC 3q12.1 The gap between two probes is approximately 82,800 kb. The gap between two probes is approximately 82,800 kb. The gap between two probes is approximately 82,800 kb. Texas Red 3q26.32 3q12.1 The gap between two probes is approximately 82,800 kb. Texas Red 10q23 Tobe 1 PTEN Approximately 470kb FITC 10p11.22 Trobe 2 CEN10p Approximately 640kb FITC 10p11.22 Trobe 3p between two probes is approximately 57,500 kb. Texas Red 10q23 The gap between two probes is approximately 57,500 kb. Texas Red 20q12-q13 Trobe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 Trobe 2 CEN20q Approximately 680kb FITC 20q11.22 Trobe Gap The gap between two probes is approximately 4,200 kb Texas Red 10q11.2 Trobe 1 PTPRT Approximately 4,200 kb Texas Red 10q11.2 Trobe 2 CEN20q Approximately 4,200 kb Texas Red 10q11.2 Trobe 1 RET Approximately 200kb Texas Red 10q11.2 Trobe 2 CEN10p Approximately 200kb FITC 10p11.22 Trobe 2 CEN10p Approximately 40kb FITC 10p11.22 Trobe 2 The gap between two probes is approximately 11,600 kb. Texas Red 10q11.2 Trobe 1 RET Approximately 210kb FITC 10p11.22 Trobe 2 CEN10p Approximately 11,600 kb.
Probe 1 PIK3CA Approximately 280kb Texas Red 3q26.32 Probe 2 CEN3q Approximately 500kb FITC 3q12.1 Probe Gap The gap between two probes is approximately 82,800 kb. Probe Name Size Fluorophore Location Probe 1 PTEN Approximately 470kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 57,500 kb. Probe 1 PTEN Approximately 57,500 kb. Probe 3 The gap between two probes is approximately 57,500 kb. Probe Name Size Fluorophore Location Probe Name PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location Probe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 Probe 2 CEN20q Approximately 450kb FITC 20q11.22 Probe Gap The gap between two probes is approximately 4,200 kb Probe Name RET/CEN10p FISH Probe Probe Name Size Fluorophore Location Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 2 CEN10p Approximately 200kb Texas Red 10q11.2 Probe 3 The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe Gap The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location Probe Gap The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location Probe Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location Probe Name Size Fluorophore Location Probe Name Size Fluorophore Location Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 1 RUNX2 Approximately 660kb FITC 6p12.1
Probe 1 PIK3CA Approximately 280kb Texas Red 3q26.32 Probe 2 CEN3q Approximately 500kb FITC 3q12.1 Probe 2 CEN3q Approximately 500kb FITC 3q12.1 Probe Gap The gap between two probes is approximately 82,800 kb. Probe Name Size Fluorophore Location The gap between two probes is approximately 57,500 kb. Probe 1 PTEN Approximately 640kb FITC 10p11.22 Probe 2 CEN10p Approximately 640kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 57,500 kb. Probe Name Size Fluorophore Location The gap between two probes is approximately 4,200 kb Probe 1 PTPRT Approximately 450kb FITC 20q11.22 Probe 3 CEN20q Approximately 4,200 kb Probe 3 CEN20q Approximately 4,200 kb Probe 3 CEN20q Approximately 4,200 kb Probe Name Size Fluorophore Location The gap between two probes is approximately 4,200 kb Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 3 CEN10p Approximately 4,200 kb Probe 1 RET Approximately 4,200 kb Probe Gap The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe
robe 2 CEN3q Approximately 500kb FITC 3q12.1 robe Gap The gap between two probes is approximately 82,800 kb. at Num FG0019 roduct Name PTEN/CEN10p FISH Probe Probe Name Size Fluorophore Location robe 1 PTEN Approximately 470kb Texas Red 10q23 robe 2 CEN10p Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 57,500 kb. at Num FG0038 PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location robe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 robe 2 CEN20q Approximately 450kb FITC 20q11.22 robe Gap The gap between two probes is approximately 4,200 kb at Num FG0078 RET/CEN10p FISH Probe Probe Name Size Fluorophore Location robe 1 RET Approximately 200kb Texas Red 10q11.2 robe 2 CEN10p Approximately 200kb Texas Red 10q11.2 robe 2 CEN10p Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 11,600 kb.
The gap between two probes is approximately 82,800 kb. at. Num FG0019 PTEN/CEN10p FISH Probe Probe Name Size Fluorophore CEN10p Approximately 470kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 57,500 kb. at. Num FG0038 PTPRT Approximately 450kb FITC 10p11.22 Tobe 1 PTPRT Approximately 450kb FITC 20q12-q13 PTPRT Approximately 450kb FITC 20q11.22 Tobe Gap The gap between two probes is approximately 4,200 kb at. Num FG0078 FC0078 FC00
Probe Name Size Fluorophore Location obe 1 PTEN Approximately 470kb Texas Red 10q23 obe 2 CEN10p Approximately 640kb FITC 10p11.22 obe Gap The gap between two probes is approximately 57,500 kb. Approximately 450kb Texas Red 20q12-q13 obe 2 CEN20q Approximately 450kb FITC 20q11.22 obe Gap The gap between two probes is approximately 4,200 kb Approximately 200kb Texas Red 10q11.2 obe 1 RET Approximately 200kb Texas Red 10q11.2 obe 2 CEN10p Approximately 640kb FITC 10p11.22 obe Gap The gap between two probes is approximately 11,600 kb. Approximately 21,600 kb. Approximately 21,600 kb. Approximately 230kb Texas Red 6p21 oduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2 Approximately 230kb Texas Red 6p21 obe 2 CEN6p Approximately 230kb Texas Red 6p21 obe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe Name Size Fluorophore Location Probe Name Size Fluorophore Location Probe Quantification of the state o
Probe Name Size Fluorophore Location robe 1 PTEN Approximately 470kb Texas Red 10q23 robe 2 CEN10p Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 57,500 kb. at.Num FG0038 PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location robe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 robe 2 CEN20q Approximately 680kb FITC 20q11.22 robe Gap The gap between two probes is approximately 4,200 kb at.Num FG0078 RET/CEN10p FISH Probe Probe Name Size Fluorophore Location robe 1 RET Approximately 4,200kb Texas Red 10q11.2 robe 2 CEN10p Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 11,600 kb. at.Num FG0031 roduct Name RET/CEN10p FISH Probe Probe Name Size Fluorophore Location robe 1 RET Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 11,600 kb. at.Num FG0031 roduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location robe 1 RUNX2 Approximately 230kb Texas Red 6p21 robe 2 CEN6p Approximately 660kb FITC 6p12.1
robe 1 PTEN Approximately 470kb Texas Red 10q23 robe 2 CEN10p Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 57,500 kb. Probe Name Size Fluorophore Location robe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 robe 2 CEN20q Approximately 680kb FITC 20q11.22 robe Gap The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location RET/CEN10p FISH Probe Probe Name Size Fluorophore Location RET/CEN10p FISH Probe Probe Name Size Fluorophore Location RET/CEN10p FISH Probe Probe Qap The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location RET/CEN10p FISH Probe Probe Gap The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2 Approximately 230kb Texas Red 6p21 robe 1 RUNX2 Approximately 230kb Texas Red 6p21 robe 2 CEN6p Approximately 660kb FITC 6p12.1
robe 2 CEN10p Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 57,500 kb. at.Num FG0038 roduct Name PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location robe 2 CEN20q Approximately 450kb FITC 20q11.22 robe Gap The gap between two probes is approximately 4,200 kb at.Num FG0078 roduct Name RET/CEN10p FISH Probe Probe Name Size Fluorophore Location RET Approximately 200kb FITC 10q11.22 robe 2 CEN10p Approximately 4,200 kb at.Num FG0078 roduct Name RET Approximately 200kb FITC 10q11.2 robe 1 RET Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 11,600 kb. at.Num FG0031 RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2 Approximately 230kb Texas Red 6p21 robe 2 CEN6p Approximately 660kb FITC 6p12.1
The gap between two probes is approximately 57,500 kb. at.Num FG0038 PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore CEN20q Approximately 450kb FITC 20q11.22 Fiber Gap Fi
Probe Name Size Fluorophore Location obe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 obe 2 CEN20q Approximately 680kb FITC 20q11.22 obe Gap The gap between two probes is approximately 4,200 kb Probe Name Size Fluorophore Location obe 1 RET Approximately 200kb Texas Red 10q11.2 obe 2 CEN10p Approximately 200kb FITC 10p11.22 obe Gap The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location obe 1 RET Approximately 200kb FITC 10p11.22 obe Gap The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location oduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location oduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location oduct Name RUNX2 Approximately 230kb Texas Red 6p21 obe 2 CEN6p Approximately 660kb FITC 6p12.1
PTPRT/CEN20p FISH Probe Probe Name Size Fluorophore Location obe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 obe 2 CEN20q Approximately 680kb FITC 20q11.22 obe Gap The gap between two probes is approximately 4,200 kb at Num FG0078 RET/CEN10p FISH Probe Probe Name Size Fluorophore Location obe 1 RET Approximately 200kb FITC 10q11.2 obe 2 CEN10p Approximately 640kb FITC 10p11.22 obe Gap The gap between two probes is approximately 11,600 kb. at Num FG0031 RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location oduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location oduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location oduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location oduct Name RUNX2 Approximately 230kb Texas Red 6p21 oduct CEN6p Approximately 660kb FITC 6p12.1
Probe Name Size Fluorophore Location robe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 robe 2 CEN20q Approximately 680kb FITC 20q11.22 robe Gap The gap between two probes is approximately 4,200 kb at.Num FG0078 RET Approximately 200kb Texas Red 10q11.2 robe 1 RET Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 11,600 kb. at.Num FG0078 RET Approximately 200kb Texas Red 10q11.2 robe 1 Repap between two probes is approximately 11,600 kb. at.Num FG0031 RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 robe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 Probe 2 CEN20q Approximately 680kb FITC 20q11.22 Probe Gap The gap between two probes is approximately 4,200 kb Cat.Num FG0078 Probe Name Size Fluorophore Location Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 2 CEN10p Approximately 640kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 11,600 kb. Cat.Num FG0031 Product Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location Probe Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location Probe Name RUNX2/CEN6p FISH Probe Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe 1 PTPRT Approximately 450kb Texas Red 20q12-q13 Probe 2 CEN20q Approximately 680kb FITC 20q11.22 Probe Gap The gap between two probes is approximately 4,200 kb Cat.Num FG0078 Product Name RET/CEN10p FISH Probe Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 2 CEN10p Approximately 640kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 11,600 kb. Cat.Num FG0031 Product Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location Probe Name RUNX2/CEN6p FISH Probe Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe 2 CEN20q Approximately 680kb FITC 20q11.22 Probe Gap The gap between two probes is approximately 4,200 kb Cat.Num FG0078 Product Name RET/CEN10p FISH Probe Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 2 CEN10p Approximately 640kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 11,600 kb. Cat.Num FG0031 RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
The gap between two probes is approximately 4,200 kb Cat.Num
Probe Name Size Fluorophore Location robe 1 RET Approximately 200kb Texas Red 10q11.2 robe 2 CEN10p Approximately 640kb FITC 10p11.22 robe Gap The gap between two probes is approximately 11,600 kb. at.Num FG0031 RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 robe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe Name Size Fluorophore Location Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 2 CEN10p Approximately 640kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 11,600 kb. Probe Name Size Fluorophore Location RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe Name Size Fluorophore Location Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 2 CEN10p Approximately 640kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 11,600 kb. Cat.Num FG0031 RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe 1 RET Approximately 200kb Texas Red 10q11.2 Probe 2 CEN10p Approximately 640kb FITC 10p11.22 Probe Gap The gap between two probes is approximately 11,600 kb. Cat.Num FG0031 RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe 2 CEN10p Approximately 640kb FITC 10p11.22 The gap between two probes is approximately 11,600 kb. Eat.Num FG0031 RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
robe Gap The gap between two probes is approximately 11,600 kb. at.Num FG0031 roduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location robe 1 RUNX2 Approximately 230kb Texas Red 6p21 robe 2 CEN6p Approximately 660kb FITC 6p12.1
at.Num FG0031 roduct Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location robe 1 RUNX2 Approximately 230kb Texas Red 6p21 robe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe Name Size Fluorophore Location obe 1 RUNX2 Approximately 230kb Texas Red 6p21 obe 2 CEN6p Approximately 660kb FITC 6p12.1
Product Name RUNX2/CEN6p FISH Probe Probe Name Size Fluorophore Location Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe 1 RUNX2 Approximately 230kb Texas Red 6p21 Probe 2 CEN6p Approximately 660kb FITC 6p12.1
Probe 2 CEN6p Approximately 660kb FITC 6p12.1
ор 1211
The gap between two probes is approximately 2,000 kb.



	Product Information				
40131	Cat.Num Product Name	FG0039 SDHB/CEN1p FISH F	Probe		
- Alice	Probe 1 Probe 2 Probe Gap	Probe Name SDHB CEN1p The gap between two	Size Approximately 400kb Approximately 780kb probes is approximately 92	Fluorophore Texas Red FITC ,300 kb	Location 1p36.13 1p13.3
5/35	Cat.Num Product Name	FG0046 SERPINB6/CEN6p FI	SH Probe		
解釋	Probe 1 Probe 2 Probe Gap	Probe Name SERPINB6 CEN6p The gap between two	Size Approximately 400kb Approximately 660kb probes is approximately 45	Fluorophore Texas Red FITC ,000 kb	Location 6p25 6p12.1
NE SIN	Cat.Num Product Name	FG0063 SLC31A/CEN9q FISH	l Probe		
Service Control	Probe 1 Probe 2 Probe Gap	Probe Name SLC31A CEN9q The gap between two	Size Approximately 300kb Approximately 470kb probes is approximately 44	Fluorophore Texas Red FITC ,000 kb.	Location 9q32 9q21
Times .	Cat.Num Product Name	FG0074 SOX2/CEN3q FISH F	Probe		
	Probe 1 Probe 2 Probe Gap	Probe Name SOX2 CEN3q The gap between two	Size Approximately 380kb Approximately 500kb probes is approximately 85	Fluorophore Texas Red FITC ,400 kb.	Location 3q26.3-q27 3q12.1
THE WALL	Cat.Num Product Name	FG0064 SQSTM1/CEN5q FIS	H Probe		
和康	Probe 1 Probe 2 Probe Gap	Probe Name SQSTM1 CEN5q The gap between two	Size Approximately 350kb Approximately 700kb probes is approximately 12	Fluorophore Texas Red FITC 6,300 kb.	Location 5q35.3 5q11.2
J. Frederick	Cat.Num Product Name	FG0047 SYT9/CEN11p FISH I	Probe		
- TO	Probe 1 Probe 2 Probe Gap	Probe Name SYT9 CEN11p The gap between two	Size Approximately 400kb Approximately 630kb probes is approximately 39	Fluorophore Texas Red FITC ,400 kb	Location 11p15.4 11p11.12
22	Cat.Num Product Name	FG0075 T/CEN6p FISH Probe			
WE WITH	Probe 1 Probe 2 Probe Gap	Probe Name T CEN6p The gap between two	Size Approximately 180kb Approximately 660kb probes is approximately 11	Fluorophore Texas Red FITC 1,400 kb.	Location 6q27 6p12.1
silv.	Cat.Num Product Name	FG0042 TNIK/CEN3q FISH Pr	robe		
	Probe 1 Probe 2 Probe Gap	Probe Name TNIK CEN3q The gap between two	Size Approximately 490kb Approximately 500kb probes is approximately 74	Fluorophore Texas Red FITC	Location 3q26.2-p26.31 3q12.1

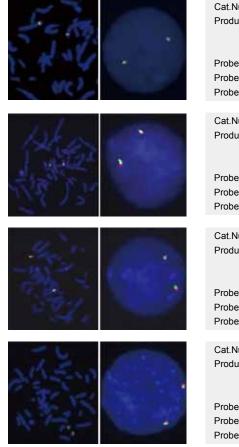
Product Inform	ation				
Product Informa					
Cat.Num Product Name	FG0007 TOP2A/CEN17q FIS	H Probe			Marie Control
Probe 1 Probe 2	Probe Name TOP2A CEN17q	Size Approximately 180kb Approximately 540kb	Fluorophore Texas Red FITC	Location 17q21 17q11.2	(Jay Ni
Probe Gap	The gap between two	probes is approximately 6,	400 kb.		4.10
Cat.Num Product Name	FG0044 TPM4/CEN19q FISH	Probe			×41
Probe 1 Probe 2	Probe Name TPM4 CEN19q	Size Approximately 380kb Approximately 400kb	Fluorophore Texas Red FITC	Location 19p13.1 19q12	75
Probe Gap	The gap between two	probes is approximately 13	3,800 kb	·	C 7/65
Cat.Num Product Name	FG0041 TPX2/CEN20p FISH	Probe			15 to
	Probe Name	Size	Fluorophore	Location	1-678
Probe 1	TPX2	Approximately 150kb	Texas Red	20q11.2	
Probe 2	CEN20p	Approximately 400kb	FITC	20p11.21	Christian Comment
Probe Gap	The gap between two	probes is approximately 7,	900 kb		
Cat.Num Product Name	FG0026 TRF1/CEN8p FISH F	Probe			THE STATE OF THE S
	Probe Name	Size	Fluorophore	Location	Section 1
Probe 1	TRF1	Approximately 290kb	Texas Red	8q13	ON THE PERSON
Probe 2 Probe Gap	CEN8p The gap between two	Approximately 520kb probes is approximately 33	FITC 3 200 kb	8p11.21	Store
Cat.Num	FG0012	, p	,		. 25
Product Name	TYMS/CEN18q FISH	l Probe			51-14 1 1 M
Durk 4	Probe Name	Size	Fluorophore	Location	1
Probe 1 Probe 2	TYMS CEN18q	Approximately 180kb Approximately 660kb	Texas Red FITC	18p11.32 18q11.2	
Probe Gap	·	probes is approximately 29		10411.2	
Cat.Num Product Name	FG0025 UBE3A/CEN15q FIS	H Probe			The same
	Probe Name	Size	Elugraphera	Location	
Probe 1	UBE3A	Approximately 370kb	Fluorophore Texas Red	Location 15q11.2	
Probe 2	CEN15q	Approximately 680kb	FITC	15q11.2	() The same of th
Probe Gap	The gap between two	probes is approximately 5,	700 kb.		
Cat.Num Product Name	FG0029 VHL/CEN3q FISH Pr	obe			5.33A
	Probe Name	Size	Fluorophore	Location	
Probe 1	VHL	Approximately 170kb	Texas Red	3p26-p25	
Probe 2	CEN3q	Approximately 500kb	FITC	3q12.1	
Probe Gap	The gap between two	o probes is approximately 85	5,100 kb.		
Cat.Num Product Name	FG0076 YAP1/CEN11p FISH	Probe			- 11 A
	Probe Name	Size	Fluorophore	Location	
Probe 1	YAP1	Approximately 190kb	Texas Red	11q13	Carlot Inch
Probe 2 Probe Gap	CEN11p	Approximately 630kb	FITC	11p11.12	
Flone Gab	rne gap between two	o probes is approximately 54	+,SUU KD.		





Product Informa	ation			
Cat.Num	FG0035			
Product Name	YES1/CEN18q FISH	H Probe		
	Probe Name	Size	Fluorophore	Location
Probe 1	YES1	Approximately 150kb	Texas Red	18p11.32
Probe 2	CEN18q	Approximately 660kb	FITC	18q11.2
Probe Gap	The gap between tw	o probes is approximately 2	29,200 kb	
Cat.Num	FG0027			
Product Name	1p36.33/CEN1p FIS	SH Probe		
	Probe Name	Size	Fluorophore	Location
Probe 1	1p36.33	Approximately 600kb	Texas Red	1p36.33
Probe 2	CEN1p	Approximately 780kb	FITC	1p13.3
Probe Gap	The gap between tw	o probes is approximately	107,700 kb.	
Cat.Num	FG0028			
Product Name	9q34/CEN9q FISH F	Probe		
		•		
5	Probe Name	Size	Fluorophore	Location
Probe 1	9q34	Approximately 330kb	Texas Red	9q34
			FITC	
Probe 2 Probe Gap	CEN9q	Approximately 470kb no probes is approximately 6		9q21

Split FISH Probes



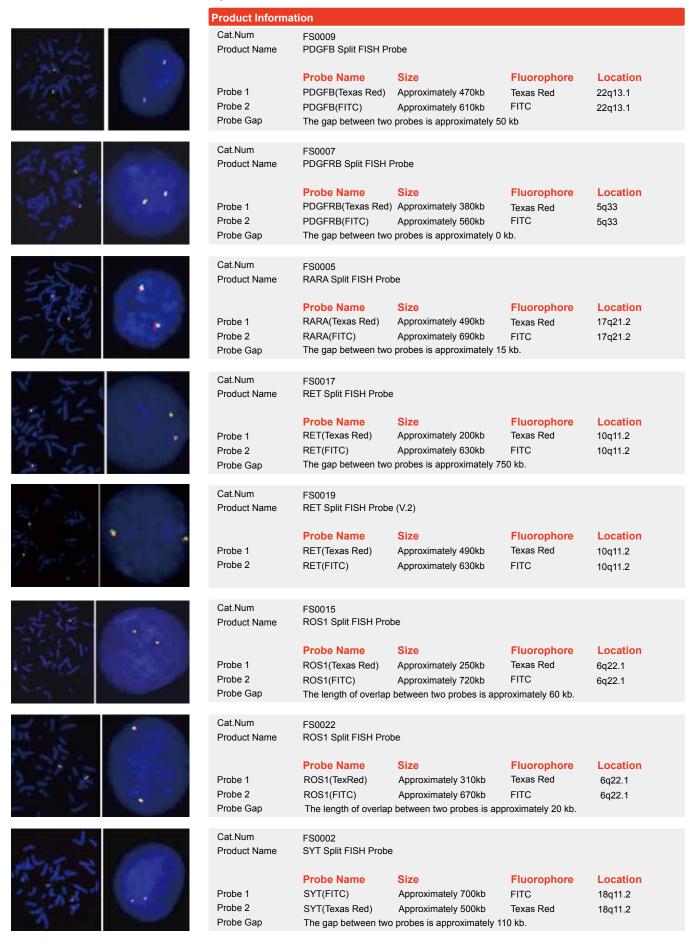
Product Informa	ation			
Cat.Num Product Name	FS0001 ALK Split FISH Probe	9		
Probe 1 Probe 2	Probe Name ALK(FITC)	Size Approximately 770kb	Fluorophore FITC	Location 2p23
Probe Gap	ALK(Texas Red) The gap between two	Approximately 640kb probes is approximately 0	Texas Red kb.	2p23
Cat.Num Product Name	FS0014 CHOP Split FISH Pro	be		
Probe 1 Probe 2 Probe Gap	Probe Name CHOP(Texas Red) CHOP(FITC) The gap between two	Size Approximately 300kb Approximately 430kb probes is approximately 2	Fluorophore Texas Red FITC 0 kb.	Location 12q13.3 12q13.3
Cat.Num Product Name	FS0008 ERG Split FISH Prob	e		
Probe 1 Probe 2 Probe Gap	Probe Name ERG(Texas Red) ERG(FITC) The gap between two	Size Approximately 330kb Approximately 540kb p probes is approximately 7	Fluorophore Texas Red FITC 70 kb.	Location 21q22.2-22.3 21q22.2-22.3
Cat.Num Product Name	FS0003 EWSR1 Split FISH P	robe		
Probe 1 Probe 2 Probe Gap	Probe Name EWSR1(Texas Red) EWSR1(FITC) The gap between two	Size Approximately 590kb Approximately 610kb p probes is approximately 4	Fluorophore Texas Red FITC	Location 22q12 22q12

Split FISH Probes

Product Informa	ntion				
Cat.Num Product Name	FS0011 FGFR3 Split FISH Pr	obe			4.2
Probe 1 Probe 2 Probe Gap	Probe Name FGFR3(Texas Red) FGFR3(FITC) The gap between two	Size Approximately 700kb Approximately 500kb probes is approximately 30	Fluorophore Texas Red FITC kb.	Location 4p16.3 4p16.3	2 30
Cat.Num Product Name	FS0010 FKHR Split FISH Pro	be			sk it
Probe 1 Probe 2 Probe Gap	Probe Name FKHR(FITC) FKHR(Texas Red) The gap between two	Size Approximately 600kb Approximately 510kb p probes is approximately 90	Fluorophore FITC Texas Red kb	Location 13q14.1 13q14.1	榜"
Cat.Num Product Name	FS0020 FUS Split FISH Probe	е			
Probe 1 Probe 2	Probe Name FUS(Texas Red) FUS(FITC)	Size Approximately 620kb Approximately 410kb	Fluorophore Texas Red FITC	Location 16p11.2 16p11.2	PARCE .
Cat.Num Product Name	FS0012 HEY1 Split FISH Pro	be			STEN I
Probe 1 Probe 2 Probe Gap	Probe Name HEY1(Texas Red) HEY1(FITC) The length of overlap	Size Approximately 600kb Approximately 650kb between two probes is approximately	Fluorophore Texas Red FITC roximately 80 kb.	Location 8q21.13 8q21.13	地
Cat.Num Product Name	FS0018 KIF5B Split FISH Pro	be			9 50
Probe 1 Probe 2	Probe Name KIF5B(Texas Red) KIF5B(FITC)	Size Approximately 620kb Approximately 750kb	Fluorophore Texas Red FITC	Location 10p11.2 10p11.2	Marine Contract
Cat.Num Product Name	FS0016 MYB Split FISH Prob	е			11/2
Probe 1 Probe 2 Probe Gap	Probe Name MYB(Texas Red) MYB(FITC) The length of overlap	Size Approximately 500kb Approximately 780kb between two probes is approximately	Fluorophore Texas Red FITC roximately 20 kb.	Location 6q22-23 6q22-23	九年 一
Cat.Num Product Name	FS0006 MYC Split FISH Prob	e			51, 200
Probe 1 Probe 2 Probe Gap	Probe Name MYC(FITC) MYC(Texas Red) The gap between two	Size Approximately 400kb Approximately 340kb o probes is approximately 0	Fluorophore FITC Texas Red kb.	Location 8q24.21 8q24.21	
Cat.Num Product Name	FS0013 NCOA2 Split FISH P	robe			with the
Probe 1 Probe 2 Probe Gap	Probe Name NCOA2(Texas Red) NCOA2(FITC) The gap between two	Size Approximately 600kb Approximately 650kb o probes is approximately 20	Fluorophore Texas Red FITC) kb.	Location 8q13.3 8q13.3	一部 美



Split FISH Probes





Split FISH Probes

Product Information Cat.Num FS0004 TFE3 Split FISH Probe Product Name Probe 1 Probe 2 TFE3(FITC) Probe Gap

Fluorophore Probe Name Location Texas Red TFE3(Texas Red) Approximately 570kb Xp11.22

Xp11.22

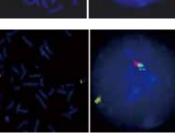
Approximately 550kb The gap between two probes is approximately 90 kb.

Cat.Num FS0021

Product Name YWHAE Split FISH Probe

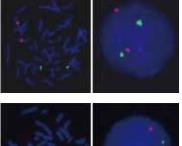
Probe Name Fluorophore Location Probe 1 17q13.3 YWHAE(TexRed) Approximately 460kb Texas Red Probe 2 FITC YWHAE(FITC) Approximately 780kb 17q13.3

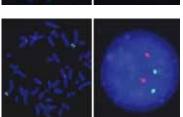
Probe Gap The gap between two probes is approximately 25 kb.

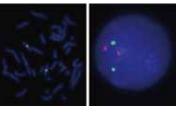


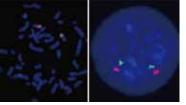
Translocation FISH Probes

Product Informa	ntion				
Cat.Num Product Name	FT0003	nslocation FISH Probe			575
Probe 1 Probe 2	Probe Name AML1 ETO	Size Approximately 1340kb Approximately 1110kb	Fluorophore FITC Texas Red	Location 21q22.12 8q21.3	
Cat.Num Product Name	FT0002 bcr/abl DY Transloc	cation FISH Probe			34
Probe 1 Probe 2	Probe Name BCR ABL	Size Approximately 1520kb Approximately 780kb	FIUOROPHORE FITC Texas Red	Location 22q11.23 9q34.1	を表記
Cat.Num Product Name	FT0001 EML4/ALK DY Tran	slocation FISH Probe			ortive
Probe 1 Probe 2 Probe Gap	Probe Name EML4 ALK The gap between to	Size Approximately 1130kb Approximately 700kb wo probes is approximately 1	Fluorophore FITC Texas Red 3,900 kb.	Location 2p22-p21 2p23	
Cat.Num Product Name	FT0005 HEY1/NCOA2 DY	Franslocation FISH Probe			- (3)
Probe 1 Probe 2 Probe Gap	Probe Name NCOA2 HEY1 The gap between to	Size Approximately 1300kb Approximately 1250kb wo probes is approximately 8	Fluorophore Texas Red FITC 3,200 kb.	Location 8q13.3 8q21.13	
Cat.Num Product Name	FT0007 KIF5B/RET DY Tra	nslocation FISH Probe			524
Probe 1 Probe 2 Probe Gap	Probe Name KIF5B RET The gap between to	Size Approximately 1370kb Approximately 1180kb wo probes is approximately 1	Fluorophore FITC Texas Red 10,500 kb.	Location 10p11.2 10q11.2	444

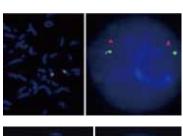


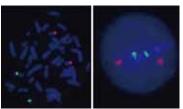






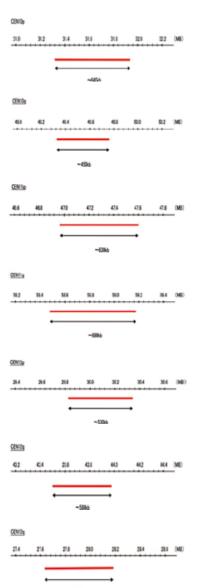
Translocation FISH Probes





Cat.Num	FT0006							
Product Name	KIF5B/RET SY Tra	KIF5B/RET SY Translocation FISH Probe						
	Probe Name	Size	Fluorophore	Location				
Probe 1	KIF5B	Approximately 620kb	Texas Red	10p11.2				
Probe 2	RET	Approximately 630kb	FITC	10q11.2				
Probe Gap	The gap between t	wo probes is approximately 1	10,500 kb.	·				
Cat.Num Product Name	FT0004 PML/RARA DY Tra	FT0004 PML/RARA DY Translocation FISH Probe						
	Probe Name	Size	Fluorophore	Location				
Probe 1	RARA	Approximately 1200kb	FITC	17q21.2				
Probe 2	PML	Approximately 540kb	Texas Red	15g24.1				

Chromosome FISH Probes



Cat. Num.	Product Name	Fluorophore	Size	Location
FC0090	CEN10p (Cy5) FISH Probe	Cy5	Approximately 640kb	10p11.22
FC0089	CEN10p (DEAC) FISH Probe	DEAC	Approximately 640kb	10p11.22
FC0086	CEN10p (FITC) FISH Probe	FITC	Approximately 640kb	10p11.22
FC0088	CEN10p (R6G) FISH Probe	R6G	Approximately 640kb	10p11.22
FC0087	CEN10p (Texas Red) FISH Probe	Texas Red	Approximately 640kb	10p11.22
FC0095	CEN10q (Cy5) FISH Probe	Cy5	Approximately 450kb	10q11.21
FC0094	CEN10q (DEAC) FISH Probe	DEAC	Approximately 450kb	10q11.21
FC0091	CEN10q (FITC) FISH Probe	FITC	Approximately 450kb	10q11.21
FC0093	CEN10q (R6G) FISH Probe	R6G	Approximately 450kb	10q11.21
FC0092	CEN10q (Texas Red) FISH Probe	Texas Red	Approximately 450kb	10q11.21
FC0100	CEN11p (Cy5) FISH Probe	Cy5	Approximately 630kb	11p11.12
FC0099	CEN11p (DEAC) FISH Probe	DEAC	Approximately 630kb	11p11.12
FC0096	CEN11p (FITC) FISH Probe	FITC	Approximately 630kb	11p11.12
FC0098	CEN11p (R6G) FISH Probe	R6G	Approximately 630kb	11p11.12
FC0097	CEN11p (Texas Red) FISH Probe	Texas Red	Approximately 630kb	11p11.12
FC0105	CEN11q (Cy5) FISH Probe	Cy5	Approximately 680kb	11q12.1
FC0104	CEN11q (DEAC) FISH Probe	DEAC	Approximately 680kb	11q12.1
FC0101	CEN11q (FITC) FISH Probe	FITC	Approximately 680kb	11q12.1
FC0103	CEN11q (R6G) FISH Probe	R6G	Approximately 680kb	11q12.1
FC0102	CEN11q (Texas Red) FISH Probe	Texas Red	Approximately 680kb	11q12.1
FC0110	CEN12p (Cy5) FISH Probe	Cy5	Approximately 530kb	12p11.22
FC0109	CEN12p (DEAC) FISH Probe	DEAC	Approximately 530kb	12p11.22
FC0106	CEN12p (FITC) FISH Probe	FITC	Approximately 530kb	12p11.22
FC0108	CEN12p (R6G) FISH Probe	R6G	Approximately 530kb	12p11.22
FC0107	CEN12p (Texas Red) FISH Probe	Texas Red	Approximately 530kb	12p11.22
FC0115	CEN12q (Cy5) FISH Probe	Cy5	Approximately 580kb	12q12
FC0114	CEN12q (DEAC) FISH Probe	DEAC	Approximately 580kb	12q12
FC0111	CEN12q (FITC) FISH Probe	FITC	Approximately 580kb	12q12
FC0113	CEN12q (R6G) FISH Probe	R6G	Approximately 580kb	12q12
FC0112	CEN12q (Texas Red) FISH Probe	Texas Red	Approximately 580kb	12q12
500400	OFNIAN (O. F) FIGURE III	0.5	A Install EEOLI	10 10 11
FC0120	CEN13q (Cy5) FISH Probe	Cy5	Approximately 550kb	13q12.11
FC0119	CEN13q (DEAC) FISH Probe	DEAC	Approximately 550kb	13q12.11
FC0116	CEN13q (FITC) FISH Probe	FITC	Approximately 550kb	13q12.11
FC0118	CEN13q (R6G) FISH Probe	R6G	Approximately 550kb	13q12.11
FC0117	CEN13q (Texas Red) FISH Probe	Texas Red	Approximately 550kb	13q12.11

Chromosome FISH Probes

Cat. Num.	Product Name	Fluorophore	Size	Location
FC0125	CEN14q (Cy5) FISH Probe	Су5	Approximately 400kb	14q11.2
123	CEN14q (OSA) FISH Probe	DEAC	Approximately 400kb	14q11.2
00124	CEN14q (FITC) FISH Probe	FITC	Approximately 400kb	14q11.2
0123	CEN14q (R6G) FISH Probe	R6G	Approximately 400kb	14q11.2
C0122	CEN14q (Texas Red) FISH Probe	Texas Red	Approximately 400kb	14q11.2
30122	CENTAG (Texas Red) FIOTT TODE	icada red	Approximately 400kb	14411.2
0130	CEN15q (Cy5) FISH Probe	Cy5	Approximately 680kb	15q11.2
0129	CEN15q (DEAC) FISH Probe	DEAC	Approximately 680kb	15q11.2
0126	CEN15q (FITC) FISH Probe	FITC	Approximately 680kb	15q11.2
C0128	CEN15q (R6G) FISH Probe	R6G	Approximately 680kb	15q11.2
0127	CEN15q (Texas Red) FISH Probe	Texas Red	Approximately 680kb	15q11.2
0135	CEN16q (Cy5) FISH Probe	Cy5	Approximately 700kb	16q12.1
0134	CEN16q (DEAC) FISH Probe	DEAC	Approximately 700kb	16q12.1
C0131	CEN16q (FITC) FISH Probe	FITC	Approximately 700kb	16q12.1
C0133	CEN16q (R6G) FISH Probe	R6G	Approximately 700kb	16q12.1
C0132	CEN16q (Texas Red) FISH Probe	Texas Red	Approximately 700kb	16q12.1
	,		.,	
C0140	CEN17q (Cy5) FISH Probe	Cy5	Approximately 540kb	17q11.2
C0139	CEN17q (DEAC) FISH Probe	DEAC	Approximately 540kb	17q11.2
0136	CEN17q (FITC) FISH Probe	FITC	Approximately 540kb	17q11.2
0138	CEN17q (R6G) FISH Probe	R6G	Approximately 540kb	17q11.2
C0137	CEN17q (Texas Red) FISH Probe	Texas Red	Approximately 540kb	17q11.2
0145	CEN18p (Cy5) FISH Probe	Cy5	Approximately 600kb	18p11.21
C0145		DEAC	Approximately 600kb	18p11.21
C0144 C0141	CEN18p (DEAC) FISH Probe CEN18p (FITC) FISH Probe	FITC	Approximately 600kb	18p11.21
	CEN18p (R6G) FISH Probe	R6G	Approximately 600kb	18p11.21
C0143 C0142		Texas Red	Approximately 600kb	18p11.21
JU 142	CEN18p (Texas Red) FISH Probe	rends Neu	Approximately 000kb	10μ11.21
0150	CEN18q (Cy5) FISH Probe	Cy5	Approximately 660kb	18q11.2
C0149	CEN18q (DEAC) FISH Probe	DEAC	Approximately 660kb	18q11.2
C0146	CEN18q (FITC) FISH Probe	FITC	Approximately 660kb	18q11.2
C0148	CEN18q (R6G) FISH Probe	R6G	Approximately 660kb	18q11.2
C0147	CEN18q (Texas Red) FISH Probe	Texas Red	Approximately 660kb	18q11.2
				10 10 11
155	CEN19p (Cy5) FISH Probe	Cy5	Approximately 570kb	19p13.11
0154	CEN19p (DEAC) FISH Probe	DEAC	Approximately 570kb	19p13.11
0151	CEN19p (FITC) FISH Probe	FITC	Approximately 570kb	19p13.11
C0153	CEN19p (R6G) FISH Probe	R6G	Approximately 570kb	19p13.11
0152	CEN19p (Texas Red) FISH Probe	Texas Red	Approximately 570kb	19p13.11
160	CEN19q (Cy5) FISH Probe	Cy5	Approximately 430kb	19q12
0159	CEN19q (DEAC) FISH Probe	DEAC	Approximately 430kb	19q12
0156	CEN19q (FITC) FISH Probe	FITC	Approximately 430kb	19q12
0158	CEN19q (R6G) FISH Probe	R6G	Approximately 430kb	19q12
0157	CEN19q (Texas Red) FISH Probe	Texas Red	Approximately 430kb	19q12
			.,	·
00005	CEN1p (Cy5) FISH Probe	Cy5	Approximately 780kb	1p13.3
C0004	CEN1p (DEAC) FISH Probe	DEAC	Approximately 780kb	1p13.3
C0001	CEN1p (FITC) FISH Probe	FITC	Approximately 780kb	1p13.3
C0003	CEN1p (R6G) FISH Probe	R6G	Approximately 780kb	1p13.3
C0002	CEN1p (Texas Red) FISH Probe	Texas Red	Approximately 780kb	1p13.3
20046	OFNIA (O. 5) 51011 5	0.5	A	4-04-0
C0010	CEN1q (Cy5) FISH Probe	Cy5	Approximately 600kb	1q21.3
C0009	CEN1q (DEAC) FISH Probe	DEAC	Approximately 600kb	1q21.3
C0006	CEN1q (FITC) FISH Probe	FITC	Approximately 600kb	1q21.3
C0008	CEN1q (R6G) FISH Probe	R6G	Approximately 600kb	1q21.3
-C0007	CEN1q (Texas Red) FISH Probe	Texas Red	Approximately 600kb	1q21.3
0165	CEN20p (Cy5) FISH Probe	Cy5	Approximately 400kb	20p11.21
C0163	CEN20p (DEAC) FISH Probe	DEAC	Approximately 400kb	20p11.21
-C0164 -C0161	CEN20p (FITC) FISH Probe	FITC	Approximately 400kb	20p11.21 20p11.21
C0161 FC0163	CEN20p (R6G) FISH Probe	R6G	Approximately 400kb	20p11.21
C0163	CEN20p (Rod) FISH Probe	Texas Red	Approximately 400kb	20p11.21 20p11.21
00102	OLINZUP (TEXAS REU) FISH PIODE	15/03 1/50	Approximately 400KD	20μ11.21

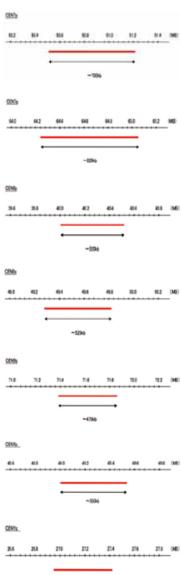
Chromosome FISH Probes

		5 1 11			
	Cat. Num.	Product Name	Fluorophore	Size	Location
CDID	FC0170	CEN20q (Cy5) FISH Probe	Cy5	Approximately 680kb	20q11.22
256 258 360 362 364 366 368 (Mg)	FC0169	CEN20q (DEAC) FISH Probe	DEAC	Approximately 680kb	20q11.22
	FC0166	CEN20q (FITC) FISH Probe	FITC	Approximately 680kb	20q11.22
	FC0168	CEN20g (R6G) FISH Probe	R6G	Approximately 680kb	20q11.22
~600a	FC0167	CEN20q (Texas Red) FISH Probe	Texas Red	Approximately 680kb	20g11.22
****	1 00101	02.120q (10xd0 110d) 1 10111 1000	10/100 1 100	, approximatory coords	2042
QDN1s	FC0175	CEN21q (Cy5) FISH Probe	Cy5	Approximately 520kb	21q11.2
	FC0174	CEN21q (Oy3) FISH Probe	DEAC	Approximately 520kb	21q11.2
216 228 240 242 248 346 348 (MG)	FC0174 FC0171	CEN21q (DEAC) FISH Probe	FITC	Approximately 520kb	21q11.2 21q11.2
	FC0171 FC0173	CEN21q (FITC) FISH Probe	R6G	Approximately 520kb	21q11.2 21q11.2
-		CEN21q (Rog) FISH Flobe CEN21q (Texas Red) FISH Probe		Approximately 520kb	21q11.2 21q11.2
~509b	FC0172	CENZIQ (Texas Red) FISH FIGDE	Texas Red	Approximately 320kb	21411.2
O(D)	FC0180	CENION (CVE) FIGURE Probe	CvF	Approximately 450kh	22~11 22
575 C		CEN22q (Cy5) FISH Probe	Cy5 DEAC	Approximately 450kb	22q11.22
158 812 114 218 218 311 312 (Ng)	FC0179	CEN22q (DEAC) FISH Probe		Approximately 450kb	22q11.22
	FC0176	CEN22q (FITC) FISH Probe	FITC	Approximately 450kb	22q11.22
	FC0178	CEN22q (R6G) FISH Probe	R6G	Approximately 450kb	22q11.22
~096	FC0177	CEN22q (Texas Red) FISH Probe	Texas Red	Approximately 450kb	22q11.22
QN ₀	E00515	OFNO. (0.5) 510115	0.5	A	0-44.0
	FC0015	CEN2p (Cy5) FISH Probe	Cy5	Approximately 670kb	2p11.2
85.0 85.2 85.4 85.6 85.8 M.D 81.2 (MG)	FC0014	CEN2p (DEAC) FISH Probe	DEAC	Approximately 670kb	2p11.2
	FC0011	CEN2p (FITC) FISH Probe	FITC	Approximately 670kb	2p11.2
	FC0013	CEN2p (R6G) FISH Probe	R6G	Approximately 670kb	2p11.2
~6100	FC0012	CEN2p (Texas Red) FISH Probe	Texas Red	Approximately 670kb	2p11.2
000	FC0020	CEN2q (Cy5) FISH Probe	Cy5	Approximately 580kb	2q11.2
902 904 906 918 910 902 984 (MB)	FC0019	CEN2q (DEAC) FISH Probe	DEAC	Approximately 580kb	2q11.2
	FC0016	CEN2q (FITC) FISH Probe	FITC	Approximately 580kb	2q11.2
	FC0018	CEN2q (R6G) FISH Probe	R6G	Approximately 580kb	2q11.2
~9006	FC0017	CEN2q (Texas Red) FISH Probe	Texas Red	Approximately 580kb	2q11.2
OEMia .	FC0025	CEN3q (Cy5) FISH Probe	Cy5	Approximately 500kb	3q12.1
950 162 964 956 958 960 942 MBI	FC0024	CEN3q (DEAC) FISH Probe	DEAC	Approximately 500kb	3q12.1
	FC0021	CEN3q (FITC) FISH Probe	FITC	Approximately 500kb	3q12.1
	FC0023	CEN3q (R6G) FISH Probe	R6G	Approximately 500kb	3q12.1
~500a	FC0022	CEN3q (Texas Red) FISH Probe	Texas Red	Approximately 500kb	3q12.1
(ENe	FC0030	CEN4p (Cy5) FISH Probe	Cy5	Approximately 660kb	4p13
450 452 454 456 453 460 452 (46)	FC0029	CEN4p (DEAC) FISH Probe	DEAC	Approximately 660kb	4p13
	FC0026	CEN4p (FITC) FISH Probe	FITC	Approximately 660kb	4p13
	FC0028	CEN4p (R6G) FISH Probe	R6G	Approximately 660kb	4p13
~3890	FC0027	CEN4p (Texas Red) FISH Probe	Texas Red	Approximately 660kb	4p13
ONE	FC0035	CEN4q (Cy5) FISH Probe	Cy5	Approximately 650kb	4q12
57A 516 518 560 582 584 566 MB)	FC0034	CEN4q (DEAC) FISH Probe	DEAC	Approximately 650kb	4q12
	FC0031	CEN4q (FITC) FISH Probe	FITC	Approximately 650kb	4q12
	FC0033	CEN4q (R6G) FISH Probe	R6G	Approximately 650kb	4q12
~606	FC0032	CEN4q (Texas Red) FISH Probe	Texas Red	Approximately 650kb	4q12
(DNe	FC0040	CEN5p (Cy5) FISH Probe	Cy5	Approximately 490kb	5p12
402 404 406 408 418 412 414 (46)	FC0039	CEN5p (DEAC) FISH Probe	DEAC	Approximately 490kb	5p12
	FC0036	CEN5p (FITC) FISH Probe	FITC	Approximately 490kb	5p12
•	FC0038	CEN5p (R6G) FISH Probe	R6G	Approximately 490kb	5p12
~400	FC0037	CEN5p (Texas Red) FISH Probe	Texas Red	Approximately 490kb	5p12
CENEG	FC0045	CEN5q (Cy5) FISH Probe	Cy5	Approximately 700kb	5q11.2
51.6 51.8 520 522 524 525 528 (MB)	FC0044	CEN5q (DEAC) FISH Probe	DEAC	Approximately 700kb	5q11.2
	FC0041	CEN5q (FITC) FISH Probe	FITC	Approximately 700kb	5q11.2
	FC0043	CEN5q (R6G) FISH Probe	R6G	Approximately 700kb	5q11.2
~786	FC0042	CEN5q (Texas Red) FISH Probe	Texas Red	Approximately 700kb	5q11.2
COMP	FC0050	CEN6p (Cy5) FISH Probe	Cy5	Approximately 660kb	6p12.1
	FC0049	CEN6p (DEAC) FISH Probe	DEAC	Approximately 660kb	6p12.1
410 412 484 466 418 150 152 (Mg)	FC0046	CEN6p (FITC) FISH Probe	FITC	Approximately 660kb	6p12.1
	FC0048	CEN6p (R6G) FISH Probe	R6G	Approximately 660kb	6p12.1
~485h	FC0047	CEN6p (Texas Red) FISH Probe	Texas Red	Approximately 660kb	6p12.1
		• •		-	

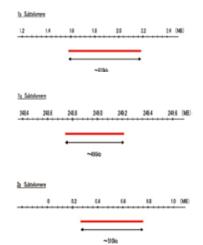


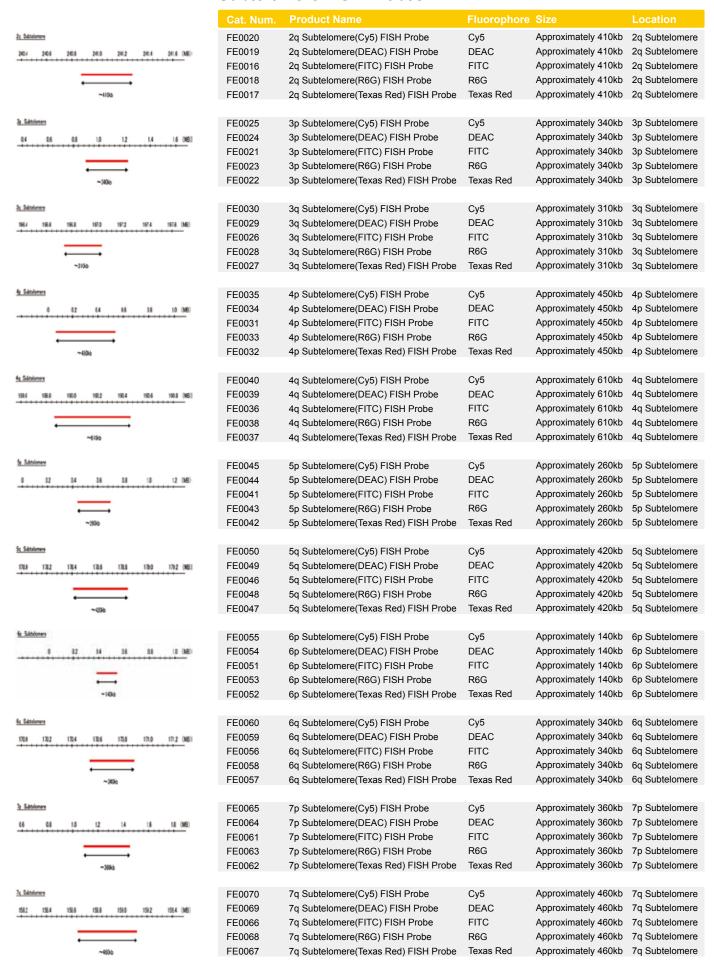
Chromosome FISH Probes

Cat. Num.	Product Name	Fluorophore	Size	Location	
FC0055	CEN7p (Cy5) FISH Probe	Cy5	Approximately 700kb	7p12.1	SIND:
FC0054	CEN7p (DEAC) FISH Probe	DEAC	Approximately 700kb	7p12.1	102 104 506
FC0051	CEN7p (FITC) FISH Probe	FITC	Approximately 700kb	7p12.1	**********
FC0053	CEN7p (R6G) FISH Probe	R6G	Approximately 700kb	7p12.1	
FC0052	CEN7p (Texas Red) FISH Probe	Texas Red	Approximately 700kb	7p12.1	
FC0060	CEN7q (Cy5) FISH Probe	Cy5	Approximately 820kb	7q11.21	ONE
FC0059	CEN7q (DEAC) FISH Probe	DEAC	Approximately 820kb	7q11.21	940 942 944
FC0056	CEN7q (FITC) FISH Probe	FITC	Approximately 820kb	7q11.21	
FC0058	CEN7q (R6G) FISH Probe	R6G	Approximately 820kb	7q11.21	-
FC0057	CEN7q (Texas Red) FISH Probe	Texas Red	Approximately 820kb	7q11.21	
FC0065	CEN8p (Cy5) FISH Probe	Cy5	Approximately 520kb	8p11.21	SSNb
FC0064	CEN8p (DEAC) FISH Probe	DEAC	Approximately 520kb	8p11.21	264 368 403
FC0061	CEN8p (FITC) FISH Probe	FITC	Approximately 520kb	8p11.21	
FC0063	CEN8p (R6G) FISH Probe	R6G	Approximately 520kb	8p11.21	
FC0062	CEN8p (Texas Red) FISH Probe	Texas Red	Approximately 520kb	8p11.21	
FC0070	CENIGR (CVE) FIGU Broke	CVE	Approximately E20kh	8q11.21	CENTE
FC0070 FC0069	CEN8q (Cy5) FISH Probe	Cy5 DEAC	Approximately 520kb Approximately 520kb	8q11.21	
FC0066	CEN8q (DEAC) FISH Probe CEN8q (FITC) FISH Probe	FITC	Approximately 520kb	8q11.21	60 402 404
FC0068	CEN8g (R6G) FISH Probe	R6G	Approximately 520kb	8q11.21	
FC0067	CEN8g (Texas Red) FISH Probe	Texas Red	Approximately 520kb	8q11.21	•
1 00001	OLIVOY (TOXAS TREA) THORIT TOBE	TCAGS TCG	Approximatory 020Nb	0411.21	
FC0075	CEN9q (Cy5) FISH Probe	Cy5	Approximately 470kb	9q21	CENTRAL
FC0074	CEN9q (DEAC) FISH Probe	DEAC	Approximately 470kb	9q21	710 712 714
FC0071	CEN9q (FITC) FISH Probe	FITC	Approximately 470kb	9q21	19 12 70
FC0073	CEN9q (R6G) FISH Probe	R6G	Approximately 470kb	9q21	=
FC0072	CEN9q (Texas Red) FISH Probe	Texas Red	Approximately 470kb	9q21	
FC0080	CENXp (Cy5) FISH Probe	Cy5	Approximately 550kb	Xp11.23	CENTS.
FC0079	CENXp (DEAC) FISH Probe	DEAC	Approximately 550kb	Xp11.23	44 43 40
FC0076	CENXp (FITC) FISH Probe	FITC	Approximately 550kb	Xp11.23	
FC0078	CENXp (R6G) FISH Probe	R6G	Approximately 550kb	Xp11.23	-
FC0077	CENXp (Texas Red) FISH Probe	Texas Red	Approximately 550kb	Xp11.23	
					etu.
FC0085	CENYq (Cy5) FISH Probe	Cy5	Approximately 470kb	Yq11.221	CENYs.
FC0084	CENYq (DEAC) FISH Probe	DEAC	Approximately 470kb	Yq11.221	26 28 270
FC0081	CENYq (FITC) FISH Probe	FITC	Approximately 470kb	Yq11.221	
FC0083	CENYq (R6G) FISH Probe	R6G	Approximately 470kb	Yq11.221	-
FC0082	CENYq (Texas Red) FISH Probe	Texas Red	Approximately 470kb	Yq11.221	



Cat. Num.	Product Name	Fluorophore	Size	Location
FE0005	1p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 610kb	1p Subtelomere
FE0004	1p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 610kb	1p Subtelomere
FE0001	1p Subtelomere(FITC) FISH Probe	FITC	Approximately 610kb	1p Subtelomere
FE0003	1p Subtelomere(R6G) FISH Probe	R6G	Approximately 610kb	1p Subtelomere
FE0002	1p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 610kb	1p Subtelomere
FE0010	1q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 490kb	1q Subtelomere
FE0009	1q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 490kb	1q Subtelomere
FE0006	1q Subtelomere(FITC) FISH Probe	FITC	Approximately 490kb	1q Subtelomere
FE0008	1q Subtelomere(R6G) FISH Probe	R6G	Approximately 490kb	1q Subtelomere
FE0007	1q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 490kb	1q Subtelomere
FE0015	2p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 510kb	2p Subtelomere
FE0014	2p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 510kb	2p Subtelomere
FE0011	2p Subtelomere(FITC) FISH Probe	FITC	Approximately 510kb	2p Subtelomere
FE0013	2p Subtelomere(R6G) FISH Probe	R6G	Approximately 510kb	2p Subtelomere
FE0012	2p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 510kb	2p Subtelomere







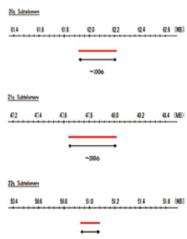
8p Subtelomere (DEAC) FISH Probe DEAC Approximately 270kb 8p Subtelomere (FISH Probe DEAC Approximately 270kb 8p Subtelomere (FISH Probe FITC Approximately 350kb 8q Subtelomere (FISH Probe FITC Approximately 350kb 8q Subtelomere (FITC) FISH Probe FITC Approximately 350kb 9p Subtelomere (FITC) FISH Probe FITC Approximately 360kb 10p Su	Cat. Num.	Product Name	Fluorophore	Size	Location
## By Subtelomere(CEAC) FISH Probe DEAC Approximately 270kb 8p Subtelomere CEAC Section Sectio					
8p Subtelomere(FIC) FISH Probe R6G Approximately 270kb 8p Subtelomere (2007) 8p Subtelomere (R6G) FISH Probe R6G Approximately 270kb 8p Subtelomere (2007) 8p Subtelomere (2007			-		•
8p Subtelomere(RGG) FISH Probe Texas Red Approximately 270kb 8p Subtelomere (2007) 8q Subtelomere(2007) 15th Probe DEAC Approximately 350kb 8q Subtelomere (2007) 8q Subtelomere(PGCQ) FISH Probe DEAC Approximately 350kb 8q Subtelomere (2007) 8q Subtelomere(RGG) FISH Probe PTIC Approximately 350kb 8q Subtelomere (2007) 8q Subtelomere(RGG) FISH Probe PTIC Approximately 350kb 8q Subtelomere (2007) 8q Subtelomere(RGG) FISH Probe PTIC Approximately 350kb 8q Subtelomere (2007) 8q Subtelomere(RGG) FISH Probe DEAC Approximately 350kb 8q Subtelomere (2007) 8q Subtelomere(RGG) FISH Probe DEAC Approximately 350kb 9p Subtelomere (2007) 8q Subt	E0074	8p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 270kb	8p Subtelomere
8p Subtelomere(Cy5) FISH Probe Cy5 Approximately 370kb 8p Subtelomere (Do00) 8q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 8q Subtelomere (DEAC) FISH Probe DEAC Approximately 350kb 8q Subtelomere (DEAC) FISH Probe PITC Approximately 350kb 8q Subtelomere (DEAC) FISH Probe R6G Approximately 350kb 8q Subtelomere (DEAC) FISH Probe R6G Approximately 350kb 8q Subtelomere (DEAC) FISH Probe R6G Approximately 350kb 8q Subtelomere (DEAC) FISH Probe DEAC Approximately 350kb 8q Subtelomere (DEAC) FISH Probe DEAC Approximately 550kb 9p Subtelomere (DEAC) FISH Probe DEAC Approximately 550kb 9p Subtelomere (DEAC) FISH Probe PITC Approximately 480kb 9p Subtelomere (DEAC) FISH Probe PITC Approximately 480kb 9q Subtelomere (DEAC) FISH Probe PITC Approximately 480kb 10q Subtelomere (DEAC) FISH Probe PITC Approximate	0071	8p Subtelomere(FITC) FISH Probe	FITC	Approximately 270kb	8p Subtelomere
Subtelomere(Cy5) FISH Probe Cy5 Approximately 350kb 8q Subtelomere (DEAC) FISH Probe DEAC Approximately 350kb 8q Subtelomere (BDAC) FISH Probe FITC Approximately 350kb 8q Subtelomere (BDAC) FISH Probe DEAC Approximately 350kb 8q Subtelomere (BDAC) FISH Probe DEAC Approximately 550kb 9p Subtelomere (DEAC) FISH Probe FITC Approximately 550kb 9p Subtelomere (BDAC) FISH Probe DEAC Approximately 480kb 9q Subtelomere (BDAC) FISH Probe DEAC Approximately 480kb 9q Subtelomere (BDAC) FISH Probe FITC Approximately 480kb 9q Subtelomere (BDAC)	0073	8p Subtelomere(R6G) FISH Probe	R6G	Approximately 270kb	8p Subtelomere
Subtelomere(Cy5) FISH Probe Cy5 Approximately 350kb 8q Subtelomere Bq Subtelomere(FITC) FISH Probe DEAC Approximately 350kb 8q Subtelomere Bq Subtelomere(FITC) FISH Probe FITC Approximately 350kb 8q Subtelomere Bq Su	E0072	8p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 270kb	8p Subtelomere
8q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 8q Subtelomere (ReG) FISH Probe FITC Approximately 350kb 8q Subtelomere (ReG) FISH Probe ReG Approximately 350kb 8q Subtelomere ReG Sq Subtelomere (ReG) FISH Probe ReG Approximately 350kb 8q Subtelomere ReG Approximately 350kb 8q Subtelomere (ReG) FISH Probe PEAC Approximately 350kb 8q Subtelomere (PEAC) FISH Probe DEAC Approximately 550kb 9p Subtelomere (PEAC) FISH Probe PEAC Approximately 550kb 9p Subtelomere (PEAC) FISH Probe ReG Approximately 550kb 9p Subtelomere (PEAC) FISH Probe PEAC Approximately 480kb 9q Subtelomere (PEAC) FISH Probe DEAC Approximately 480kb 9q Subtelomere (PEAC) FISH Probe PEAC Approximately 400kb 10p Subtelomere	LOUIZ	op cubiciomere(rexus rea) i form robe	10,000 1100	representatory 27 one	op castolomere
8q Subtelomere(FITC) FISH Probe R6G Approximately 350bb 8q Subtelomere (PG) FISH Probe R6G Approximately 350bb 8q Subtelomere (PG) FISH Probe R6G Approximately 350bb 8q Subtelomere (PG) FISH Probe DEAC Approximately 350bb 8q Subtelomere (PG) FISH Probe DEAC Approximately 550bb 9p Subtelomere (PDAC) FISH Probe PITC Approximately 480bb 9p Subtelomere (PDAC) FISH Probe PITC Approximately 480bb 9p Subtelomere (PDAC) FISH Probe PITC Approximately 480bb 9q Subtelomere (PDAC) FISH Probe PITC Approximately 480bb 10p Subtelome	0800	8q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 350kb	8q Subtelomere
8q Subtelomere(R6G) FISH Probe 8q Subtelomere(Texas Red) FISH Probe 8q Subtelomere(Texas Red) FISH Probe 8q Subtelomere(Texas Red) FISH Probe 8q Subtelomere(DEAC) FISH Probe 8q Subtelomere(DEAC) FISH Probe 8q Subtelomere(DEAC) FISH Probe 8q Subtelomere(DEAC) FISH Probe 8q Subtelomere(Texas Red) FISH Probe 8q Subtelomere(Cy5) FISH Probe 8q Subtelomere(Cy5) FISH Probe 8q Subtelomere(R6G) FISH Probe 8q Subtelo	0079	8q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 350kb	8q Subtelomere
8q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 8q Subtelomere 9p Subtelomere(Cy5) FISH Probe DEAC Approximately 550kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe DEAC Approximately 550kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe Red Approximately 550kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe Red Approximately 550kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe Red Approximately 480kb 9p Subtelomere 9p Subtelomere(DEAC) FISH Probe DEAC Approximately 480kb 9p Subtelomere 9p Subtelomere(DEAC) FISH Probe Red Approximately 480kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe Red Approximately 480kb 9p Subtelomere 9p Subtelomere 9p Subtelomere 9p Subtelomere 10089 10p Subtelomere 10p Subtelomer	E0076	8q Subtelomere(FITC) FISH Probe	FITC	Approximately 350kb	8q Subtelomere
8q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 8q Subtelomere 9p Subtelomere(Cy5) FISH Probe DEAC Approximately 550kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe DEAC Approximately 550kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe Red Approximately 550kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe Red Approximately 550kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe Red Approximately 480kb 9p Subtelomere 9p Subtelomere(DEAC) FISH Probe DEAC Approximately 480kb 9p Subtelomere 9p Subtelomere(DEAC) FISH Probe Red Approximately 480kb 9p Subtelomere 9p Subtelomere(Red) FISH Probe Red Approximately 480kb 9p Subtelomere 9p Subtelomere 9p Subtelomere 9p Subtelomere 10089 10p Subtelomere 10p Subtelomer	E0078	• • • • • • • • • • • • • • • • • • • •		• •	8a Subtelomere
9 Subtelomere(Cy5) FISH Probe DEAC Approximately 550kb 9 Subtelomere (DeaC) 19 Subtelomere(ReG) FISH Probe DEAC Approximately 550kb 9 Subtelomere (PEC) FISH Probe ReG Approximately 550kb 9 Subtelomere (PEX) 19 Subtelomere (ReaS) FISH Probe ReG Approximately 550kb 9 Subtelomere (DeaC) 9 Subtelomere (ReaS) FISH Probe ReG Approximately 550kb 9 Subtelomere (DeaC) 9 Subtelomere (ReaS) Red) FISH Probe Texas Red Approximately 550kb 9 Subtelomere (DeaC) 9 Subtelomere (DeaC) FISH Probe DEAC Approximately 480kb 9 Subtelomere (DeaC) FISH Probe DEAC Approximately 480kb 9 Subtelomere (DeaC) FISH Probe FITC Approximately 480kb 9 Subtelomere (DeaC) FISH Probe FITC Approximately 480kb 9 Subtelomere (DeaC) FISH Probe ReG Approximately 480kb 9 Subtelomere (DeaC) FISH Probe DEAC Approximately 480kb 9 Subtelomere (DeaC) FISH Probe ReG Approximately 480kb 99 Subtelomere (DeaC) FISH Probe DEAC Approximately 480kb 99 Subtelomere (DeaC) FISH Probe DEAC Approximately 480kb 99 Subtelomere (DeaC) FISH Probe DEAC Approximately 400kb 10p Subtelomere (DeaC) FISH Probe PEAC Approximately 400kb 10p Subtelomere (DeaC)				'''	•
9p Subtelomere(DEAC) FISH Probe 9p Subtelomere(FITC) FISH Probe 9p Subtelomere(R6G) FISH Probe 9p Subtelomere(R6G) FISH Probe 10082 9p Subtelomere(R6G) FISH Probe 10082 9p Subtelomere(Exas Red) FISH Probe 10083 9p Subtelomere(Cy6) FISH Probe 10089 9p Subtelomere(FITC) FISH Probe 10089 10p Subtelomere(Texas Red) FISH Probe 10p Subtelomere(FITC) FISH Probe 10p Subtel	LUUTT	od Subteloffiere(Texas Red) FISH Flobe	iexas ineu	Approximately 330kb	oq oubtelomere
9 Subtelomere(FITC) FISH Probe 9 Subtelomere(RGG) FISH Probe 9 Subtelomere(RGG) FISH Probe 9 Subtelomere(Texas Red) FISH Probe 00090 9 Subtelomere(DEAC) FISH Probe 00090 9 Subtelomere(DEAC) FISH Probe 00090 9 Subtelomere(DEAC) FISH Probe 00090 9 Subtelomere(FITC) FISH Probe 00090 9 Subtelomere(FITC) FISH Probe 00090 9 Subtelomere(FITC) FISH Probe 00090 9 Subtelomere(RGG) FISH Probe 00091 10 Subtelomere(DEAC) FISH Probe 10 Subtelomere(DEAC) FISH Probe 10 Subtelomere(RGG) FISH Probe 11 Sub	E0085	9p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 550kb	9p Subtelomere
99 Subtelomere(RGG) FISH Probe 99 Subtelomere(RGG) FISH Probe 1 Exas Red 1 Approximately 550kb 99 Subtelomere 99 Subtelomere(PEAC) FISH Probe 1 Exas Red 1 Approximately 480kb 99 Subtelomere(PEAC) FISH Probe 1 EAC 1 Approximately 480kb 99 Subtelomere(PEAC) FISH Probe 1 EAC 1 Approximately 480kb 99 Subtelomere(RGG) FISH Probe 1 Exas Red 1 Approximately 480kb 99 Subtelomere(RGG) FISH Probe 1 Exas Red 1 Approximately 480kb 99 Subtelomere 99 Subtelomere(RGG) FISH Probe 1 Exas Red 1 Approximately 480kb 99 Subtelomere 1 Operation 1 1 Opera	0084	9p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 550kb	9p Subtelomere
99 Subtelomere(RGG) FISH Probe 99 Subtelomere(RCGG) FISH Probe 10092 99 Subtelomere(PCAC) FISH Probe 10093 99 Subtelomere(FITC) FISH Probe 10093 99 Subtelomere(RCGG) FISH Probe 10093 100 Subtelomere(PCAC) FISH Probe 10094 100 Subtelomere(PCAC) FISH Probe 10095 100 Subtelomere(PCAC) FISH Probe 10095 100 Subtelomere(PCAC) FISH Probe 10096 100 Subtelomere(PCAC) FISH Probe 10096 100 Subtelomere(PCAC) FISH Probe 10097 100 Subtelomere(PCAC) FISH Probe 10097 100 Subtelomere(PCAC) FISH Probe 10098 100 Subtelomere(PCAC) FISH Probe 10099	E0081	• • • • • • • • • • • • • • • • • • • •	FITC	Approximately 550kb	9p Subtelomere
99 Subtelomere(Texas Red) FISH Probe 99 Subtelomere(Cy5) FISH Probe 0089 99 Subtelomere(DEAC) FISH Probe 0089 99 Subtelomere(DEAC) FISH Probe 0089 99 Subtelomere(FITC) FISH Probe 0088 99 Subtelomere(R66) FISH Probe 0088 99 Subtelomere(R66) FISH Probe 0087 99 Subtelomere(R66) FISH Probe 0088 99 Subtelomere(R66) FISH Probe 0088 99 Subtelomere(Exas Red) FISH Probe 0097 10p Subtelomere(Cy5) FISH Probe 0098 10p Subtelomere(Cy5) FISH Probe 0099 10p Subtelomere(Cy5) FISH Probe 0099 10p Subtelomere(Cy5) FISH Probe 0091 10p Subtelomere(Cy5) FISH Probe 0091 10p Subtelomere(EAC) FISH Probe 0091 10p Subtelomere(EAC) FISH Probe 0092 10p Subtelomere(EAC) FISH Probe 0093 10p Subtelomere(Texas Red) FISH Probe 0094 10p Subtelomere(Texas Red) FISH Probe 0095 10p Subtelomere(Texas Red) FISH Probe 0096 10p Subtelomere(Texas Red) FISH Probe 0097 10p Subtelomere(Texas Red) FISH Probe 0098 10p Subtelomere(Texas Red) FISH Probe 0099 10p Subtelomere(Texas Red) FISH Probe 0090				· · ·	•
9q Subtelomere(Cy5) FISH Probe 0099 9q Subtelomere(DEAC) FISH Probe 0099 9q Subtelomere(DEAC) FISH Probe 0098 9q Subtelomere(FITC) FISH Probe 0098 9q Subtelomere(Texas Red) FISH Probe 0098 9q Subtelomere(Texas Red) FISH Probe 0098 9q Subtelomere(Texas Red) FISH Probe 0099 10p Subtelomere(Cy5) FISH Probe 0099 10p Subtelomere(DEAC) FISH Probe 0099 10p Subtelomere(DEAC) FISH Probe 0099 10p Subtelomere(FITC) FISH Probe 0099 10p Subtelomere(FITC) FISH Probe 0099 10p Subtelomere(Texas Red) FISH Probe 0099 10p Subtelomere(Texas Red) FISH Probe 0099 10q Subtelomere(Texas Red) FISH Probe 0099 10q Subtelomere(DEAC) FISH Probe 0097 10q Subtelomere(DEAC) FISH Probe 0097 10q Subtelomere(DEAC) FISH Probe 0097 10q Subtelomere(DEAC) FISH Probe 0098 10q Subtelomere(DEAC) FISH Probe 0099 10q Subtelomere		. , ,		· · ·	•
9q Subtelomere(DEAC) FISH Probe 9q Subtelomere(FITC) FISH Probe 9q Subtelomere(FITC) FISH Probe 8q Subtelomere(R6G) FISH Probe 8q Subtelomere(R6G) FISH Probe 9q Subtelomere(R6G) FISH Probe 8q Subtelomere(Cy5) FISH Probe 8q Subtelomere(DEAC) FISH Probe 8q Subtelomere(Sp Subtelomere(Sp Subtelomere(Sp Subtelomere) 8q Subtelomere(Sp Subtelomer	E0082	9p Subtelomere(Texas Red) FISH Probe	iexas Red	Approximately 550kb	9p Subtelomere
9q Subtelomere(DEAC) FISH Probe 9q Subtelomere(FITC) FISH Probe 9q Subtelomere(FITC) FISH Probe 8q Subtelomere(R6G) FISH Probe 9q Subtelomere(R6G) FISH Probe 9q Subtelomere(Texas Red) FISH Probe 10088 9q Subtelomere(Texas Red) FISH Probe 10097 10p Subtelomere(Cy5) FISH Probe 10098 10p Subtelomere(DEAC) FISH Probe 10p Subtelomere(DEAC) FISH Probe 10p Subtelomere(DEAC) FISH Probe 10p Subtelomere(FITC) FISH Probe 10p Subtelomere(FITC) FISH Probe 10p Subtelomere(FITC) FISH Probe 10p Subtelomere(FITC) FISH Probe 10p Subtelomere(R6G) FISH Probe 10p Subtelomere(R6G) FISH Probe 10p Subtelomere(Cy5) FISH Probe 11p Subtelomere(Cy5) FISH Pro	0090	9a Subtelomere(Cv5) FISH Probe	Cv5	Approximately 480kh	9a Subtelomere
9q Subtelomere(FITC) FISH Probe R6G Approximately 480kb 9q Subtelomere 9q Subtelomere (R6G) FISH Probe R6G Approximately 480kb 9q Subtelomere 9q Subtelomere 7exas Red PISH Probe Texas Red Approximately 480kb 9q Subtelomere 9q Subtelomere 7exas Red PISH Probe Texas Red Approximately 480kb 9q Subtelomere 7exas Red PISH Probe Texas Red Approximately 400kb 10p Subtelomere 7exas Red PISH Probe DEAC Approximately 400kb 10p Subtelomere 7exas Red PISH Probe PITC Approximately 400kb 10p Subtelomere 7exas Red PISH Probe R6G Approximately 400kb 10p Subtelomere 7exas Red PISH Probe R6G Approximately 400kb 10p Subtelomere 7exas Red PISH Probe PITC Approximately 400kb 10p Subtelomere 7exas Red PISH Probe PITC Approximately 400kb 10p Subtelomere 7exas Red PISH Probe PITC Approximately 400kb 10p Subtelomere 7exas Red PISH Probe PITC Approximately 430kb 10q Subtelomere 7exas Red PISH Probe PITC Approximately 430kb 10q Subtelomere 7exas Red PISH Probe PITC Approximately 430kb 10q Subtelomere 7exas Red PISH Probe PITC Approximately 430kb 10q Subtelomere 7exas Red PISH Probe PITC Approximately 430kb 10q Subtelomere 7exas Red PISH Probe PITC Approximately 430kb 10q Subtelomere 7exas Red PISH Probe PITC Approximately 430kb 10q Subtelomere 7exas Red PISH Probe PITC Approximately 7exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 7exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 7exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 7exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 7exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 7exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 7exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 5exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 5exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 5exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 5exab 11p Subtelomere 7exas Red PISH Probe PITC Approximately 5exab 11p Subtelomere 11p Subtelomere PITC PISH Probe PITC Approximately 5exab 11p Subt				• •	•
9q Subtelomere(R6G) FISH Probe R6G Approximately 480kb 9q Subtelomere (D095 10p Subtelomere(Cy5) FISH Probe DEAC Approximately 400kb 10p Subtelomere (D109 FISH Probe DEAC Approximately 400kb 10p Subtelomere (D109 FISH Probe DEAC Approximately 400kb 10p Subtelomere (D109 FISH Probe D109 FITC Approximately 400kb 10p Subtelomere (D109 FISH Probe D109 FITC Approximately 400kb 10p Subtelomere (D109 FISH Probe D109 FITC Approximately 400kb 10p Subtelomere (D109 FISH Probe D109 FITC Approximately 400kb 10p Subtelomere (D109 FISH Probe D109 FITC Approximately 400kb 10p Subtelomere (D109 FISH Probe D109 FITC Approximately 400kb 10p Subtelomere (D109 FISH Probe D109 FITC Approximately 430kb 10q Subtelomere (D109 FISH Probe D109 FITC Approximately 430kb 10q Subtelomere (D109 FISH Probe D109 FITC Approximately 430kb 10q Subtelomere (D109 FISH Probe D109 FITC Approximately 430kb 10q Subtelomere (D109 FISH Probe D109 FITC Approximately 430kb 10q Subtelomere (D109 FISH Probe D109 FITC Approximately 430kb 10q Subtelomere (D109 FISH Probe D109 FITC Approximately 430kb 10q Subtelomere (D109 FISH Probe D109 FITC Approximately 780kb 11p Subtelomere (D109 FITC Approximately 580kb 11q Subtelomere (D111 Subtelomere (FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere (D111 Subtelomere (FITC		. ,		• •	•
9 Subtelomere (Texas Red) FISH Probe 10087	E0086			'''	•
10p Subtelomere (Cy5) FISH Probe DEAC Approximately 400kb DPS Subtelomere (Titor) FISH Probe DEAC Approximately 400kb DPS Subtelomere (Titor) FISH Probe FITC Approximately 400kb DPS Subtelomere (Titor) FISH Probe R6G Approximately 400kb DPS Subtelomere (Titor) FISH Probe Texas Red Approximately 400kb DPS Subtelomere (Titor) FISH Probe Texas Red Approximately 400kb DPS Subtelomere (Titor) FISH Probe DEAC Approximately 400kb DPS Subtelomere (Titor) FISH Probe DEAC Approximately 400kb DPS Subtelomere (Titor) FISH Probe DEAC Approximately 430kb DPS Subtelomere (Titor) FISH Probe DEAC Approximately 780kb DPS Subtelomere (Titor) FISH Probe DEAC Approximately 580kb	E0088	9q Subtelomere(R6G) FISH Probe	R6G	Approximately 480kb	·
10p Subtelomere(PEAC) FISH Probe DEAC Approximately 400kb 10p Subtelomere 10p Subtelomere(FITC) FISH Probe 10p Subtelomere(FITC) FISH Probe 10p Subtelomere 11p Subtelomere 11	E0087	9q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 480kb	9q Subtelomere
10p Subtelomere(ETC) FISH Probe DEAC Approximately 400kb 10p Subtelomere 10p Subtelomere FITC Approximately 400kb 10p Subtelomere 10p Subtelomere FITC Approximately 400kb 10p Subtelomere 10p	-0005	40. 0 1441(0. 5) 51011.5	05	Ammandan (t.) 40011	40 m Outh to be a
10p Subtelomere(FITC) FISH Probe R6G Approximately 400kb 10p Subtelomere (D092 10p Subtelomere(R6G) FISH Probe R6G Approximately 400kb 10p Subtelomere (D092 10p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 400kb 10p Subtelomere (D092 10p Subtelomere(Cy5) FISH Probe Cy5 Approximately 430kb 10q Subtelomere (D099 10q Subtelomere(DEAC) FISH Probe DEAC Approximately 430kb 10q Subtelomere (D099 10q Subtelomere(FITC) FISH Probe FITC Approximately 430kb 10q Subtelomere (D099 10q Subtelomere(FITC) FISH Probe R6G Approximately 430kb 10q Subtelomere (D099 10q Subtelomere(Texas Red) FISH Probe R6G Approximately 430kb 10q Subtelomere (D099 10q Subtelomere (Texas Red) FISH Probe R6G Approximately 430kb 10q Subtelomere (D099 10q Subtelomere (D105) FISH Probe DEAC Approximately 430kb 10q Subtelomere (D105) FISH Probe DEAC Approximately 780kb 11p Subtelomere (D106) FITC Approximately 780kb 11p Subtelomere (D106) FISH Probe R6G Approximately 580kb 11q Subtelomere (D106) FISH Probe DEAC Approximately 580kb 11q Subtelomere (D106) FISH Probe PITC Approximately 580kb 11q Subtelomere (D106) FISH Probe R6G Approximately 580kb 11q Subtelomere (D106) FISH Probe R6G Approximately 580kb 11q Subtelomere (D107) FISH Probe R6G Approximately 580kb 11q Subtelomere (D108) FISH Probe R6G Approximately 580kb 11q Subtelomere (D109) FISH Probe R6G Appro	E0095		-	• •	-
10p Subtelomere(R6G) FISH Probe R6G Approximately 400kb 10p Subtelomere Recount 10p Subtelomere Recoun	E0094			· · ·	-
10p Subtelomere (Texas Red) FISH Probe Texas Red Approximately 400kb 10p Subtelomere (D100 10q Subtelomere (Cy5) FISH Probe Cy5 Approximately 430kb 10q Subtelomere (D100 11q Su	E0091	10p Subtelomere(FITC) FISH Probe	FITC	Approximately 400kb	10p Subtelomere
10q Subtelomere(Cy5) FISH Probe DEAC Approximately 430kb 10q Subtelomere (DEAC) FISH Probe DEAC Approximately 430kb 10q Subtelomere (DEAC) FISH Probe DEAC Approximately 430kb 10q Subtelomere (DEAC) FISH Probe FITC Approximately 430kb 10q Subtelomere (DEAC) FISH Probe R6G Approximately 430kb 10q Subtelomere (DEAC) FISH Probe Texas Red Approximately 430kb 10q Subtelomere (DEAC) FISH Probe DEAC Approximately 430kb 11q Subtelomere (DEAC) FISH Probe DEAC Approximately 780kb 11p Subtelomere (DEAC) FISH Probe FITC Approximately 780kb 11p Subtelomere (DEAC) FISH Probe FITC Approximately 780kb 11p Subtelomere (DEAC) FISH Probe DEAC Approximately 780kb 11p Subtelomere (DEAC) FISH Probe FITC Approximately 780kb 11p Subtelomere (DEAC) FISH Probe DEAC Approximately 580kb 11q Subtelomere (DEAC) FISH Probe DEAC Approximately 580kb 11q Subtelomere (DEAC) FISH Probe DEAC Approximately 580kb 11q Subtelomere (DEAC) FISH Probe FITC Approximately 580kb 11q Subtelomere (DEAC) FISH Probe FITC Approximately 580kb 11q Subtelomere (DEAC) FISH Probe FITC Approximately 580kb 11q Subtelomere (DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere (DEAC) FISH Probe FITC Approximately 670kb 12p Subtelomere DEAC Approximately 350kb 12q Subtelomere DEAC Approximately 350kb 12q Subtelomere DEAC Approximately 350kb 12q Subtelomere DEAC Approximately 350kb	E0093	10p Subtelomere(R6G) FISH Probe	R6G	Approximately 400kb	10p Subtelomere
10q Subtelomere(DEAC) FISH Probe DEAC Approximately 430kb 10q Subtelomere (PITC) FISH Probe R6G Approximately 430kb 10q Subtelomere (PITC) FISH Probe R6G Approximately 430kb 10q Subtelomere (D097 10q Subtelomere (R6G) FISH Probe R6G Approximately 430kb 10q Subtelomere (D097 10q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 430kb 10q Subtelomere (D097 10q Subtelomere (D104 Subtelomere (D105 PISH Probe DEAC Approximately 430kb 10q Subtelomere (D105 PISH Probe DEAC Approximately 780kb 11p Subtelomere (D104 PISH Probe PITC Approximately 780kb 11p Subtelomere (D104 PISH Probe PITC Approximately 780kb 11p Subtelomere (D106 PISH Probe PITC Approximately 580kb 11q Subtelomere (D106 PITC Approximately 580kb 11q Subtelomere (D107 PISH Probe PITC Approximately 580kb 11q Subtelomere (D114 PIS Subtelomere (D115 PISH Probe PITC Approximately 670kb 12p Subtelomere (D114 PIS Subtelomere (PITC) PISH Probe PITC Approximately 670kb 12p Subtelomere (D114 PIS Subtelomere (PITC) PISH Probe PITC Approximately 670kb 12p Subtelomere (D114 PIS Subtelomere (PITC) PISH Probe PITC Approximately 670kb 12p Subtelomere (D116 PISH Probe PITC Approximately 350kb 11q Subtelomere (D116 PISH Probe PITC Approximate	E0092	10p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 400kb	10p Subtelomere
10q Subtelomere(DEAC) FISH Probe DEAC Approximately 430kb 10q Subtelomere (DEAC) FISH Probe FITC Approximately 430kb 10q Subtelomere (R6G) FISH Probe R6G Approximately 430kb 10q Subtelomere (D097 10q Subtelomere (R6G) FISH Probe R6G Approximately 430kb 10q Subtelomere (D097 10q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 430kb 10q Subtelomere (D097 10q Subtelomere (Cy5) FISH Probe Texas Red Approximately 430kb 10q Subtelomere (D105 11p Subtelomere (DEAC) FISH Probe DEAC Approximately 780kb 11p Subtelomere (D104 11p Subtelomere (FITC) FISH Probe FITC Approximately 780kb 11p Subtelomere (D104 11p Subtelomere (R6G) FISH Probe R6G Approximately 780kb 11p Subtelomere (D105 11p Subtelomere (R6G) FISH Probe Texas Red Approximately 780kb 11p Subtelomere (D106 11p Subtelomere (Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere (D106 11q Subtelomere (Cy5) FISH Probe DEAC Approximately 580kb 11q Subtelomere (D106 11q Subtelomere (FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere (D106 11q Subtelomere (FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere (D107 11q Subtelomere (Texas Red) FISH Probe R6G Approximately 580kb 11q Subtelomere (D107 11q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D107 11q Subtelomere (Texas Red) FISH Probe DEAC Approximately 580kb 11q Subtelomere (D111 12p Subtelomere (D111 12p Subtelomere (Texas Red) FISH Probe DEAC Approximately 670kb 12p Subtelomere (D111 12p Subtelomere (Texas Red) FISH Probe R6G Approximately 670kb 12p Subtelomere (D111 12p Subtelomere (Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D112 Subtelomere (Texas Red) FISH Probe FITC Approximately 350kb 12q Subtelomere (D112 Subtelomere (Texas Red) FISH Probe FITC Approximately 350kb 12q Subtelomere (D113 12q Subtelomere (Texas Red) FISH Probe FITC Approximately 350kb 12q Subtelomere (D114 12q Subtelomere (Texas Red) FISH Probe FITC Approximately 350kb 12q Subtelomere (D112 Subtelomere (Texas Red) FISH Probe FITC Approximately					
1096 10q Subtelomere(FITC) FISH Probe FITC Approximately 430kb 10q Subtelomere (R6G) FISH Probe R6G Approximately 430kb 10q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 430kb 10q Subtelomere (10097 10q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 430kb 10q Subtelomere (10097 11q Subtelomere(DEAC) FISH Probe DEAC Approximately 780kb 11p Subtelomere (11p Subtelomere(FITC) FISH Probe FITC Approximately 780kb 11p Subtelomere (11p Subtelomere(R6G) FISH Probe R6G Approximately 780kb 11p Subtelomere (11p Subtelomere(R6G) FISH Probe R6G Approximately 780kb 11p Subtelomere (11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere (11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (11p Subtelomere(Cy5) FISH Probe DEAC Approximately 580kb 11q Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 580kb 11q Subtelomere (11q Subtelomere(R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere (11q Subtelomere(Texas Red) FISH Probe R6G Approximately 580kb 11q Subtelomere (11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 11q Subtelomere (11q Subtelomere(DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe FITC Approximately 350k	E0100	10q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 430kb	10q Subtelomere
10q Subtelomere(R6G) FISH Probe R6G Approximately 430kb 10q Subtelomere (10q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 430kb 10q Subtelomere (10q Subtelomere(Cy5) FISH Probe Cy5 Approximately 780kb 11p Subtelomere (11p Subtelomere(EAC) FISH Probe DEAC Approximately 780kb 11p Subtelomere (11p Subtelomere(FITC) FISH Probe FITC Approximately 780kb 11p Subtelomere (11p Subtelomere(R6G) FISH Probe R6G Approximately 780kb 11p Subtelomere (11p Subtelomere(R6G) FISH Probe R6G Approximately 780kb 11p Subtelomere (11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere (11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (11q Subtelomere(DEAC) FISH Probe DEAC Approximately 580kb 11q Subtelomere (11q Subtelomere(FITC) FISH Probe R6G Approximately 580kb 11q Subtelomere (11q Subtelomere(R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere (11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe R6G Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe R6G Approximately 670kb 12p Subtelomere (11q Subtelomere(DEAC) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe R6G Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (11q Subtelomere(DEAC) FISH Probe Tex	E0099	10q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 430kb	10q Subtelomere
10q Subtelomere(R6G) FISH Probe 10q Subtelomere(Texas Red) FISH Probe 10q Subtelomere(Texas Red) FISH Probe 10q Subtelomere(Cy5) FISH Probe 10q Subtelomere(Cy5) FISH Probe 10q Subtelomere(Cy5) FISH Probe 10q Subtelomere(DEAC) FISH Probe 10q Subtelomere(DEAC) FISH Probe 10q Subtelomere(FITC) FISH Probe 10q Subtelomere(FITC) FISH Probe 10q Subtelomere(FITC) FISH Probe 10q Subtelomere(R6G) FISH Probe 10q Subtelomere(R6G) FISH Probe 10q Subtelomere(Texas Red) FISH Probe 10q Subtelomere(Texas Red) FISH Probe 10q Subtelomere(Cy5) FISH Probe 10q Subtelomere(Cy5) FISH Probe 10q Subtelomere(DEAC) FISH Probe 10q Subtelomere(FITC) FISH Probe 10q Subtelomere(FITC) FISH Probe 10q Subtelomere(FITC) FISH Probe 10q Subtelomere(R6G) FISH Probe 10q Subtelomere(Cy5) FISH Probe 10q Subtelomere(DEAC) FISH Probe 10q Subtelomere(Cy5) FIS	E0096				•
10q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 430kb 10q Subtelomere 11p Subtelomere(DEAC) FISH Probe DEAC Approximately 780kb 11p Subtelomere 11p Subtelomere(FITC) FISH Probe DEAC Approximately 780kb 11p Subtelomere 11p Subtelomere(FITC) FISH Probe FITC Approximately 780kb 11p Subtelomere 11p Subtelomere(Reg) FISH Probe Reg Approximately 780kb 11p Subtelomere 11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere 11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere 11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11p Subtelomere 11q Subtelomere(Cy5) FISH Probe DEAC Approximately 580kb 11q Subtelomere 11q Subtelomere(FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere 11q Subtelomere(Reg) FISH Probe Texas Red Approximately 580kb 11q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere 11q Subtelomere(Texas Red) FISH Probe DEAC Approximately 670kb 12p Subtelomere 11q Subtelomere(DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere 11q Subtelomere Texas Red Approximately 670kb 12p Subtelomere 11q Subtelomere Texas Red Approximately 670kb 12p Subtelomere 11q Subtelomere(Texas Red) FISH Probe DEAC Approximately 670kb 12p Subtelomere 11q Subtelomere Texas Red Approximately 670kb 12p Subtelomere 11q Subtelomere(Texas Red) FISH Probe DEAC Approximately 350kb 12q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 11q Subtelomere(Texas Red) FISH Probe DEAC Approximately 350kb 12q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 11q Subtelomere(Texas Red)				· · ·	
11p Subtelomere(Cy5) FISH Probe DEAC Approximately 780kb 11p Subtelomere DEAC Approximately 580kb 11p Subtelomere DEAC Approximately 580kb 11q Subtelomere DEAC Approximately 670kb 12p Subtelomere DEAC Approximately 350kb 12q Subtelomere DEAC Approximately 350kb 13q Subtelomere DEAC Approximately 350kb 13q Subtelomere DEAC		• • • • • • • • • • • • • • • • • • • •			•
11p Subtelomere(DEAC) FISH Probe DEAC Approximately 780kb 11p Subtelomere D101 11p Subtelomere(FITC) FISH Probe FITC Approximately 780kb 11p Subtelomere D103 11p Subtelomere(R6G) FISH Probe R6G Approximately 780kb 11p Subtelomere D103 11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere D104 11p Subtelomere(Cy5) FISH Probe DEAC Approximately 780kb 11p Subtelomere D105 11q Subtelomere(DEAC) FISH Probe DEAC Approximately 580kb 11q Subtelomere D106 11q Subtelomere(FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere D107 11q Subtelomere(R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere D108 11q Subtelomere(R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere D109 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere D109 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere D111 12p Subtelomere(DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere D111 12p Subtelomere(FITC) FISH Probe DEAC Approximately 670kb 12p Subtelomere D111 12p Subtelomere(R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere D112 12p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere D112 12p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere D114 12q Subtelomere(FITC) FISH Probe DEAC Approximately 350kb 12q Subtelomere D115 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D116 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D117 12q Subtelomere(FITC) FISH Probe Texas Red Approximately 350kb 12q Subtelomere D118 12q Subtelomere(FITC) FISH Probe Texas Red Approximately 350kb 12q Subtelomere D117 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D117 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D124 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere D124 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere D124 13q Subtelomere(FITC	FE0097	10q Subtelomere(Texas Red) FISH Probe	iexas Red	Approximately 430kb	Tod Subtelomere
11p Subtelomere(DEAC) FISH Probe DEAC Approximately 780kb 11p Subtelomere D101 11p Subtelomere(FITC) FISH Probe FITC Approximately 780kb 11p Subtelomere D103 11p Subtelomere(R6G) FISH Probe R6G Approximately 780kb 11p Subtelomere D103 11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere D104 11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere D105 11q Subtelomere(Cy5) FISH Probe DEAC Approximately 580kb 11q Subtelomere D106 11q Subtelomere(FITC) FISH Probe DEAC Approximately 580kb 11q Subtelomere D107 11q Subtelomere(FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere D108 11q Subtelomere(R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere D107 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere D107 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere D115 12p Subtelomere(D114 12p Subtelomere(D15AC) FISH Probe D14C Approximately 670kb 12p Subtelomere D114 12p Subtelomere(FITC) FISH Probe FITC Approximately 670kb 12p Subtelomere D115 12p Subtelomere(R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere D116 12p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere D116 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere D116 12q Subtelomere(FITC) FISH Probe D2AC Approximately 350kb 12q Subtelomere D117 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D118 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D119 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D119 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D119 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D119 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D119 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 13q Subtelomere D120 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere D	E0105	11p Subtelomere(Cv5) FISH Probe	Cv5	Approximately 780kb	11p Subtelomere
11p Subtelomere(FITC) FISH Probe FITC Approximately 780kb 11p Subtelomere (11p Subtelomere (12p Subtelomere			-		•
11p Subtelomere(R6G) FISH Probe Texas Red Approximately 780kb 11p Subtelomere (11p Subtelom				· · ·	•
11p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 780kb 11p Subtelomere 11q Subtelomere(Cy5) FISH Probe Cy5 Approximately 580kb 11q Subtelomere 11q Subtelomere(DEAC) FISH Probe DEAC Approximately 580kb 11q Subtelomere 11q Subtelomere(FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere 11q Subtelomere(R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere 11q Subtelomere(R6G) FISH Probe Texas Red Approximately 580kb 11q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere 11q Subtelomere(Cy5) FISH Probe DEAC Approximately 670kb 12p Subtelomere 11q Subtelomere(FITC) FISH Probe FITC Approximately 670kb 12p Subtelomere 11q Subtelomere(R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 11q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere 11q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere 11q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere 11q Subtelomere(Texas Red) FISH Probe FITC Approximately 350kb 12q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 11q Subtelomere(Cy5) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 11q Subtelomere(Cy5) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 11q Subtelomere(Cy5) FISH Probe Texas Red Approximately 350kb 13q Subtelomere 11q Subtelomere(FITC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 11q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere 11q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere					•
11q Subtelomere(Cy5) FISH Probe Cy5 Approximately 580kb 11q Subtelomere DEAC DEAC Approximately 580kb 11q Subtelomere DEAC Approximately 580kb 11q Subtelomere DEAC Approximately 670kb 12p Subtelomere DEAC Approximately 670kb 12p Subtelomere DEAC DEAC DEAC DEAC DEAC DEAC DEAC DEAC	E0103			• • •	•
11q Subtelomere (DEAC) FISH Probe DEAC Approximately 580kb 11q Subtelomere (D106 11q Subtelomere (FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere (D108 11q Subtelomere (R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere (D107 11q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D107 11q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D115 12p Subtelomere (Cy5) FISH Probe DEAC Approximately 670kb 12p Subtelomere (D114 12p Subtelomere (DEAC) FISH Probe FITC Approximately 670kb 12p Subtelomere (D111 12p Subtelomere (FITC) FISH Probe R6G Approximately 670kb 12p Subtelomere (D112 12p Subtelomere (Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere (D112 12p Subtelomere (Cy5) FISH Probe DEAC Approximately 670kb 12p Subtelomere (D112 12q Subtelomere (D120 12q Subtelomere (D120 FISH Probe DEAC Approximately 350kb 12q Subtelomere (D116 12q Subtelomere (FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere (D116 12q Subtelomere (R6G) FISH Probe FITC Approximately 350kb 12q Subtelomere (D118 12q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D118 12q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D116 13q Subtelomere (Cy5) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D117 12q Subtelomere (Cy5) FISH Probe DEAC Approximately 350kb 12q Subtelomere (D124 13q Subtelomere (D126) FISH Probe DEAC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe	E0102	11p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 780kb	11p Subtelomere
11q Subtelomere (DEAC) FISH Probe DEAC Approximately 580kb 11q Subtelomere (D106 11q Subtelomere (FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere (D108 11q Subtelomere (R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere (D107 11q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D107 11q Subtelomere (Cy5) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D115 12p Subtelomere (Cy5) FISH Probe DEAC Approximately 670kb 12p Subtelomere (D114 12p Subtelomere (DEAC) FISH Probe FITC Approximately 670kb 12p Subtelomere (D111 12p Subtelomere (FITC) FISH Probe R6G Approximately 670kb 12p Subtelomere (D112 12p Subtelomere (Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere (D112 12p Subtelomere (Cy5) FISH Probe DEAC Approximately 670kb 12p Subtelomere (D112 12q Subtelomere (Cy5) FISH Probe DEAC Approximately 350kb 12q Subtelomere (D114 12q Subtelomere (D15) FISH Probe FITC Approximately 350kb 12q Subtelomere (D16 12q Subtelomere (FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere (D18 12q Subtelomere (R6G) FISH Probe FITC Approximately 350kb 12q Subtelomere (D18 12q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D17 12q Subtelomere (Cy5) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D17 12q Subtelomere (Cy5) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D17 12q Subtelomere (Cy5) FISH Probe Texas Red Approximately 370kb 13q Subtelomere (D124 13q Subtelomere (FITC) FISH Probe DEAC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelo	=0110	11g Subtalomera/Cv5) EISU Broba	Cv5	Approximately 500kb	11a Subtalamera
11q Subtelomere(FITC) FISH Probe FITC Approximately 580kb 11q Subtelomere (D108 11q Subtelomere(R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere (D107 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D107 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D115 12p Subtelomere(Cy5) FISH Probe DEAC Approximately 670kb 12p Subtelomere (D114 12p Subtelomere(DEAC) FISH Probe FITC Approximately 670kb 12p Subtelomere (D111 12p Subtelomere(FITC) FISH Probe R6G Approximately 670kb 12p Subtelomere (D112 12p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere (D112 12p Subtelomere(Cy5) FISH Probe DEAC Approximately 350kb 12q Subtelomere (D119 12q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere (D119 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere (D118 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere (D118 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere (D119 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D117 12q Subtelomere(Cy5) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D119 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere (D124 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere (D124 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subte					•
11q Subtelomere(R6G) FISH Probe R6G Approximately 580kb 11q Subtelomere (D107 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D107 11q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere (D115 12p Subtelomere(Cy5) FISH Probe DEAC Approximately 670kb 12p Subtelomere (D114 12p Subtelomere(DEAC) FISH Probe FITC Approximately 670kb 12p Subtelomere (D115 12p Subtelomere(R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere (D116 12p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere (D117 12p Subtelomere(Cy5) FISH Probe DEAC Approximately 350kb 12q Subtelomere (D119 12q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere (D116 12q Subtelomere(R6G) FISH Probe FITC Approximately 350kb 12q Subtelomere (D118 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere (D119 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere (D116 12q Subtelomere(R6G) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D117 12q Subtelomere(Cy5) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D117 12q Subtelomere(Cy5) FISH Probe DEAC Approximately 370kb 13q Subtelomere (D124 13q Subtelomere(DEAC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere	E0109				· ·
11q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 580kb 11q Subtelomere 1115 12p Subtelomere (Cy5) FISH Probe Cy5 Approximately 670kb 12p Subtelomere 1114 12p Subtelomere (DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere 1115 12p Subtelomere (FITC) FISH Probe FITC Approximately 670kb 12p Subtelomere 1116 12p Subtelomere (R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere 1117 12p Subtelomere (Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere 1118 12p Subtelomere (Cy5) FISH Probe Cy5 Approximately 350kb 12p Subtelomere 1119 12q Subtelomere (DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere 1119 12q Subtelomere (FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere 1119 12q Subtelomere (R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere 1119 12q Subtelomere (R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere 1119 12q Subtelomere (R6G) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 1119 12q Subtelomere (Cy5) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 1119 12q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 1110 12q Subtelomere (Cy5) FISH Probe DEAC Approximately 370kb 13q Subtelomere 1120 13q Subtelomere (FITC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 1121 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	E0106	11q Subtelomere(FITC) FISH Probe	FITC	Approximately 580kb	11q Subtelomere
12p Subtelomere(Cy5) FISH Probe Cy5 Approximately 670kb 12p Subtelomere DEAC Approximately 350kb 12q Subtelomere DEAC Approximately 370kb 13q Subtelomere DEAC A	E0108	11q Subtelomere(R6G) FISH Probe	R6G	Approximately 580kb	11q Subtelomere
12p Subtelomere(DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere DI11 12p Subtelomere(FITC) FISH Probe FITC Approximately 670kb 12p Subtelomere DI13 12p Subtelomere(R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere DI12 12p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere DI12 Subtelomere(Cy5) FISH Probe DEAC Approximately 350kb 12q Subtelomere DI12 Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere DI13 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere DI13 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere DI13 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere DI14 13q Subtelomere(Cy5) FISH Probe DEAC Approximately 370kb 13q Subtelomere DI24 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere DI24 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI24 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI24 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI24 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI24 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI24 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	E0107	11q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 580kb	11q Subtelomere
12p Subtelomere(DEAC) FISH Probe DEAC Approximately 670kb 12p Subtelomere DI11 12p Subtelomere(FITC) FISH Probe FITC Approximately 670kb 12p Subtelomere DI13 12p Subtelomere(R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere DI12 12p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere DI12 Subtelomere(Cy5) FISH Probe DEAC Approximately 350kb 12q Subtelomere DI12 Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere DI13 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere DI13 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere DI13 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere DI14 13q Subtelomere(Cy5) FISH Probe DEAC Approximately 350kb 12q Subtelomere DI25 13q Subtelomere(Cy5) FISH Probe DEAC Approximately 370kb 13q Subtelomere DI24 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere DI21 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI21 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI21 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI21 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere DI21 13q Subtelomere FITC Approximatel					
12p Subtelomere(FITC) FISH Probe FITC Approximately 670kb 12p Subtelomere Problemately	E0115	12p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 670kb	12p Subtelomere
12p Subtelomere(R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere (D112 12p Subtelomere(Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere (D120 12q Subtelomere(Cy5) FISH Probe Cy5 Approximately 350kb 12q Subtelomere (D119 12q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere (D116 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere (D118 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere (D117 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere (D117 12q Subtelomere(Cy5) FISH Probe Cy5 Approximately 370kb 13q Subtelomere (D124 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere (D121 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	E0114	12p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 670kb	12p Subtelomere
12p Subtelomere(R6G) FISH Probe R6G Approximately 670kb 12p Subtelomere Policy Subtelomere (Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere Policy Subtelomere Polic	FE0111	12p Subtelomere(FITC) FISH Probe	FITC	Approximately 670kb	12p Subtelomere
12p Subtelomere (Texas Red) FISH Probe Texas Red Approximately 670kb 12p Subtelomere 12q Subtelomere (Cy5) FISH Probe Cy5 Approximately 350kb 12q Subtelomere 12q Subtelomere (DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere 12q Subtelomere (FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere 12q Subtelomere (R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere 12q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 12q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 12q Subtelomere (Cy5) FISH Probe Cy5 Approximately 370kb 13q Subtelomere 13q Subtelomere (DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 13q Subtelomere (FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	E0113	• • • • • • • • • • • • • • • • • • • •		· · ·	-
12q Subtelomere(Cy5) FISH Probe Cy5 Approximately 350kb 12q Subtelomere 12q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 12q Subtelomere(Cy5) FISH Probe Cy5 Approximately 370kb 13q Subtelomere 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere				• •	•
12q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 12q Subtelomere(Cy5) FISH Probe Cy5 Approximately 370kb 13q Subtelomere 12q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 12q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	-EU112	12p Subtelofflere (Texas Red) FISH Probe	rexas Reu	Approximately 670kb	12p Subteloffiere
12q Subtelomere(DEAC) FISH Probe DEAC Approximately 350kb 12q Subtelomere D116 12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere D118 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere D117 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere D12q Subtelomere Subtelomere D12q Subtelomere	=0120	12g Subtelomere(Cv5) FISH Probe	Cv5	Approximately 350kb	12a Subtelomere
12q Subtelomere(FITC) FISH Probe FITC Approximately 350kb 12q Subtelomere 12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere 12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 12q Subtelomere(Cy5) FISH Probe Cy5 Approximately 370kb 13q Subtelomere 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere				· · ·	•
12q Subtelomere(R6G) FISH Probe R6G Approximately 350kb 12q Subtelomere 12q Subtelomere (Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 1		·		· · ·	•
12q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 350kb 12q Subtelomere 12q Subtelomere(Cy5) FISH Probe Cy5 Approximately 370kb 13q Subtelomere 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	E0116			• •	•
13q Subtelomere(Cy5) FISH Probe Cy5 Approximately 370kb 13q Subtelomere 13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	FE0118	12q Subtelomere(R6G) FISH Probe	R6G	Approximately 350kb	12q Subtelomere
13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	FE0117	12q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 350kb	12q Subtelomere
13q Subtelomere(DEAC) FISH Probe DEAC Approximately 370kb 13q Subtelomere 13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	E0465	40 Outstalans (O. 5) 510115	05	A ====================================	12m Culttel
13q Subtelomere(FITC) FISH Probe FITC Approximately 370kb 13q Subtelomere	E0125			• •	•
	E0124	13q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 370kb	•
13q Subtelomere(R6G) FISH Probe R6G Approximately 370kb 13q Subtelomere	E0121	13q Subtelomere(FITC) FISH Probe	FITC	Approximately 370kb	13q Subtelomere
	FE0123	13q Subtelomere(R6G) FISH Probe	R6G	Approximately 370kb	13q Subtelomere
0122 13q Subtelomere(Texas Red) FISH Probe Texas Red Approximately 370kb 13q Subtelomere	FE0122			· · ·	•



	Castolo				
	Cat. Num.	Product Name	Fluorophore	Size	Location
14g Subhlinner	FE0130	14q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 260kb	14q Subtelomere
1064 1066 1068 1070 1072 1074 1076 (MB)	FE0129	14q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 260kb	14q Subtelomere
	FE0126	14q Subtelomere(FITC) FISH Probe	FITC	Approximately 260kb	14q Subtelomere
==	FE0128	14q Subtelomere(R6G) FISH Probe	R6G	Approximately 260kb	14q Subtelomere
~200	FE0127	14q Subtelomere(Texas Red) FISH Probe		Approximately 260kb	14q Subtelomere
*200	FEU121	14q Subtelofflere(Texas Red) FISH Flobe	iexas ikeu	Approximately 200kb	14q Subteloffiere
15g Subtalanen	FE0135	15q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 240kb	15q Subtelomere
	FE0134	15g Subtelomere(DEAC) FISH Probe	DEAC	Approximately 240kb	15q Subtelomere
101.4 101.6 101.8 102.0 102.2 102.4 102.6 (MB)	FE0131	15g Subtelomere(FITC) FISH Probe	FITC	Approximately 240kb	15q Subtelomere
	FE0133	15q Subtelomere(R6G) FISH Probe	R6G	Approximately 240kb	15q Subtelomere
	FE0133	• • • • • • • • • • • • • • • • • • • •		Approximately 240kb	15q Subtelomere
~2000	FE0132	15q Subtelomere(Texas Red) FISH Probe	iexas Reu	Approximately 240kb	13q Subteloffiere
16 Substances	FE0140	16p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 380kb	16p Subtelomere
	FE0139	16p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 380kb	16p Subtelomere
0 42 44 46 18 10 12 (98)	FE0136		FITC	Approximately 380kb	16p Subtelomere
		16p Subtelomere(FITC) FISH Probe			·
	FE0138	16p Subtelomere(R6G) FISH Probe	R6G	Approximately 380kb	16p Subtelomere
~3806	FE0137	16p Subtelomere(Texas Red) FISH Probe	rexas Red	Approximately 380kb	16p Subtelomere
16g Substances	EE044E	16a Subtolomoro/CvE\ EISU Desha	Cv5	Approximately F201-b	16a Subtalamara
	FE0145	16q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 520kb	16q Subtelomere
B12 B14 B16 B18 910 902 904 (MB)	FE0144	16q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 520kb	16q Subtelomere
	FE0141	16q Subtelomere(FITC) FISH Probe	FITC	Approximately 520kb	16q Subtelomere
	FE0143	16q Subtelomere(R6G) FISH Probe	R6G	Approximately 520kb	16q Subtelomere
~506	FE0142	16q Subtelomere(Texas Red) FISH Probe	Iexas Red	Approximately 520kb	16q Subtelomere
0.444	FF0450	47. 0 14.1	05	Annanda - 1 - 1 - 2001 1	47- Oublide
13b Subtraitment	FE0150	17p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 300kb	17p Subtelomere
02 04 05 08 10 12 14 (MS)	FE0149	17p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 300kb	17p Subtelomere
	FE0146	17p Subtelomere(FITC) FISH Probe	FITC	Approximately 300kb	17p Subtelomere
	FE0148	17p Subtelomere(R6G) FISH Probe	R6G	Approximately 300kb	17p Subtelomere
~100b	FE0147	17p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 300kb	17p Subtelomere
17s Substances					
	FE0155	17q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 420kb	17q Subtelomere
802 804 806 818 810 812 814 (MB)	FE0154	17q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 420kb	17q Subtelomere
	FE0151	17q Subtelomere(FITC) FISH Probe	FITC	Approximately 420kb	17q Subtelomere
	FE0153	17q Subtelomere(R6G) FISH Probe	R6G	Approximately 420kb	17q Subtelomere
~@è	FE0152	17q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 420kb	17q Subtelomere
150 Submissions 02 04 06 08 10 12 14 (ME)	FE0160	18p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 440kb	18p Subtelomere
CZ 04 05 05 10 12 (4 06)	FE0159	18p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 440kb	18p Subtelomere
	FE0156	18p Subtelomere(FITC) FISH Probe	FITC	Approximately 440kb	18p Subtelomere
←	FE0158	18p Subtelomere(R6G) FISH Probe	R6G	Approximately 440kb	18p Subtelomere
~400	FE0157	18p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 440kb	18p Subtelomere
Th Ciphon			_		
Tits Substances	FE0165	18q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 480kb	18q Subtelomere
TIO TI2 TI4 TI6 TI8 TIO TI2 (MS)	FE0164	18q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 480kb	18q Subtelomere
	FE0161	18q Subtelomere(FITC) FISH Probe	FITC	Approximately 480kb	18q Subtelomere
	FE0163	18q Subtelomere(R6G) FISH Probe	R6G	Approximately 480kb	18q Subtelomere
~600	FE0162	18q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 480kb	18q Subtelomere
16. Adolesce					
15g Subtainmen	FE0170	19p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 300kb	19p Subtelomere
62 04 06 08 10 12 14 (M6)	FE0169	19p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 300kb	19p Subtelomere
	FE0166	19p Subtelomere(FITC) FISH Probe	FITC	Approximately 300kb	19p Subtelomere
←	FE0168	19p Subtelomere(R6G) FISH Probe	R6G	Approximately 300kb	19p Subtelomere
~30%	FE0167	19p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 300kb	19p Subtelomere
th finders			_		
Th Salthioner	FE0175	19q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 470kb	19q Subtelomere
510 512 514 516 518 510 512 (98)	FE0174	19q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 470kb	19q Subtelomere
	FE0171	19q Subtelomere(FITC) FISH Probe	FITC	Approximately 470kb	19q Subtelomere
	FE0173	19q Subtelomere(R6G) FISH Probe	R6G	Approximately 470kb	19q Subtelomere
~000	FE0172	19q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 470kb	19q Subtelomere
26 Subrelomers	FE0180	20p Subtelomere(Cy5) FISH Probe	Cy5	Approximately 630kb	20p Subtelomere
62 04 05 08 10 12 14 (MB)	FE0179	20p Subtelomere(DEAC) FISH Probe	DEAC	Approximately 630kb	20p Subtelomere
	FE0176	20p Subtelomere(FITC) FISH Probe	FITC	Approximately 630kb	20p Subtelomere
	FE0178	20p Subtelomere(R6G) FISH Probe	R6G	Approximately 630kb	20p Subtelomere
~6386	FE0177	20p Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 630kb	20p Subtelomere



_					
Cat.	Num.	Product Name	Fluorophore	Size	Location
FE018	85	20q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 300kb	20q Subtelomere
FE018	84	20q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 300kb	20q Subtelomere
FE018	81	20q Subtelomere(FITC) FISH Probe	FITC	Approximately 300kb	20q Subtelomere
FE018	83	20q Subtelomere(R6G) FISH Probe	R6G	Approximately 300kb	20q Subtelomere
FE018	82	20q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 300kb	20q Subtelomere
FE019	90	21q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 380kb	21q Subtelomere
FE018	89	21q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 380kb	21q Subtelomere
FE018	86	21q Subtelomere(FITC) FISH Probe	FITC	Approximately 380kb	21q Subtelomere
FE018	88	21q Subtelomere(R6G) FISH Probe	R6G	Approximately 380kb	21q Subtelomere
FE018	87	21q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 380kb	21q Subtelomere
FE019	95	22q Subtelomere(Cy5) FISH Probe	Cy5	Approximately 150kb	22q Subtelomere
FE019	94	22q Subtelomere(DEAC) FISH Probe	DEAC	Approximately 150kb	22q Subtelomere
FE019	91	22q Subtelomere(FITC) FISH Probe	FITC	Approximately 150kb	22q Subtelomere
FE019	93	22q Subtelomere(R6G) FISH Probe	R6G	Approximately 150kb	22q Subtelomere
FE019	92	22q Subtelomere(Texas Red) FISH Probe	Texas Red	Approximately 150kb	22q Subtelomere



Prenatal FISH Probes

Prenatai Fi	SH Probes				
Product Information	ation				
Cat.Num Product Name	FM0001 3-Color FISH Prob	e (chromosome 13, 18 & 21)	43		
Probe 1 Probe 2 Probe 3	Probe Name CEN13q CEN18q CEN21q	Size Approximately 550kb Approximately 660kb Approximately 550kb	Fluorophore FITC Texas Red R6G	Location 13q12.11 18q11.2 21q22.13	A R
Cat.Num Product Name	FM0002 3-Color FISH Prob	e (chromosome 21, X & Y)			
Probe 1 Probe 2 Probe 3	Probe Name CEN21q CENXp CENYq	Size Approximately 550kb Approximately 550kb Approximately 470kb	Fluorophore R6G Texas Red FITC	Location 21q22.13 Xp11.23 Yq11.221	
Cat.Num Product Name	FM0004 3-Color FISH Prob	e (chromosome 21, X & Y)			
Probe 1 Probe 2 Probe 3	Probe Name CEN21q CENXp CENYq	Size Approximately 550kb Approximately 550kb Approximately 470kb	Fluorophore R6G FITC Texas Red	Location 21q22.13 Xp11.23 Yq11.221	4.5
Cat.Num Product Name	FM0005 3-Color FISH Prob	e (chromosome 21, X & Y)			A. 75. 1
Probe 1 Probe 2 Probe 3	Probe Name CEN21q CENXp CENYq	Size Approximately 550kb Approximately 550kb Approximately 470kb	Fluorophore R6G FITC Texas Red	Location 21q22.13 Xp11.23 Yq11.221	G. C.
Cat.Num Product Name	FM0003 5-Color FISH Prob	e (chromosome 13, 18, 21,)	(& Y)		
Probe 1 Probe 2 Probe 3 Probe 4 Probe 5	Probe Name CEN13q CEN18q CEN21q CENXp CENYq	Size Approximately 550kb Approximately 660kb Approximately 550kb Approximately 550kb Approximately 470kb	Fluorophore DEAC Cy5 R6G Texas Red FITC	Location 13q12.11 18q11.2 21q22.13 Xp11.23 Yq11.221	
	•	, , , , , , , , , , , , , , , , , , , ,		•	



Cat. Num.	Product Name	Cat. Num.	Product Name
FA0520	ABCG2(Texas Red)/CEN4q(FITC) FISH Probe	FA0369	CNGB1 FISH Probe
FA0053	ABL2 FISH Probe	FA0281	CNTF FISH Probe
A0427	ACSS1 FISH Probe	FA0286	CPT1A FISH Probe
A0605	ADA(Texas Red)/CEN20p(FITC) FISH Probe	FA0356	CREBBP FISH Probe
A0254	ADK FISH Probe	FA0500	c-rel(Texas Red)/CEN2p(FITC) FISH Probe
A0554	AF10(Texas Red)/CEN10q(FITC) FISH Probe	FA0609	CSE1(Texas Red)/CEN20p(FITC) FISH Probe
A0519	AF4(Texas Red)/CEN4p(FITC) FISH Probe	FA0106	CSTA FISH Probe
A0546	AF9(Texas Red)/CEN9q(FITC) FISH Probe	FA0176	CTGF FISH Probe
A0022	ALPL FISH Probe	FA0150	CTNNA1 FISH Probe
A0022 FA0210	ANGPT2 FISH Probe	FA0621	CTNNAL1 (Texas Red)/CEN9q(FITC) FISH Probe
		FA0542	
A0071	ANKRD36B FISH Probe		CTSB1(Texas Red)/CEN8p(FITC) FISH Probe
FA0134	ANP32C FISH Probe	FA0249	CUL2 FISH Probe
A0232	APBA1 FISH Probe	FA0196	CUX1 FISH Probe
A0596	APOC2(Texas Red)/CEN19p(FITC) FISH Probe	FA0125	CXCL2 FISH Probe
FA0617	AR(Texas Red)/CENXp(FITC) FISH Probe	FA0365	CYLD FISH Probe
A0620	ARMET(Texas Red)/CEN3q(FITC) FISH Probe	FA0350	CYP11A1 FISH Probe
A0057	ATF3 FISH Probe	FA0233	DAPK1 FISH Probe
A0562	ATM(Texas Red)/CEN11q(FITC) FISH Probe	FA0619	DAZ1(Texas Red or FITC) FISH Probe
A0601	AVP(Texas Red)/CEN20q(FITC) FISH Probe	FA0591	DCC(Texas Red)/CEN18q(FITC) FISH Probe
A0600	AXL(Texas Red)/CEN19q(FITC) FISH Probe	FA0279	DDB2 FISH Probe
A0172	BACH2 FISH Probe	FA0528	DDR1(Texas Red)/CEN6p(FITC) FISH Probe
A0170	BAI3 FISH Probe	FA0493	DDR2(Texas Red)/CEN1p(FITC) FISH Probe
A0374	BCAR1 FISH Probe	FA0527	dek(Texas Red)/CEN6p(FITC) FISH Probe
A0492	BCAS2(Texas Red)/CEN1p(FITC) FISH Probe	FA0290	DHCR7 FISH Probe
A0432 FA0171	, , , ,	FA0027	
	BCKDHB FISH Probe		DHDDS FISH Probe
FA0040	BCL10 FISH Probe	FA0039	DIRAS3 FISH Probe
FA0592	BCL2(Texas Red)/CEN18q(FITC) FISH Probe	FA0213	DLC1 FISH Probe
FA0599	BCL3(Texas Red)/CEN19p(FITC) FISH Probe	FA0093	DLEC1 FISH Probe
FA0512	BCL6(Texas Red)/CEN3q(FITC) FISH Probe	FA0119	DLG1 FISH Probe
FA0453	BCR FISH Probe	FA0616	DMD(Texas Red)/CENXp(FITC) FISH Probe
FA0625	BDNF(Texas Red)/CEN11p(FITC) FISH Probe	FA0005	DNAJC11 FISH Probe
FA0399	BIRC5 FISH Probe	FA0042	DPYD FISH Probe
FA0430	BLCAP FISH Probe	FA0595	E2A(Texas Red)/CEN19q(FITC) FISH Probe
FA0351	BLM FISH Probe	FA0428	E2F1 FISH Probe
FA0442	BMP7 FISH Probe	FA0371	E2F4 FISH Probe
FA0320	BRCA2 FISH Probe	FA0221	E2F5 FISH Probe
FA0471	BRS3 FISH Probe	FA0332	EFS FISH Probe
FA0314	BTG1 FISH Probe	FA0253	EGR2 FISH Probe
FA0622	BWS(Texas Red)/CEN11p(FITC) FISH Probe	FA0263	EIF3A FISH Probe
FA0344	C15orf41 FISH Probe	FA0223	EIF3E FISH Probe
		FA0130	
FA0626	CALCB(Texas Red)/CEN11p(FITC) FISH Probe		EIF4E FISH Probe
A0007	CAMTA1 FISH Probe	FA0114	EIF5A2 FISH Probe
FA0552	CAN(Texas Red)/CEN9q(FITC) FISH Probe	FA0464	ELK1 FISH Probe
FA0388	CASC3 FISH Probe	FA0537	ELN(Texas Red)/CEN7p(FITC) FISH Probe
A0207	CASP2 FISH Probe	FA0357	EMP2 FISH Probe
FA0010	CASZ1 FISH Probe	FA0560	EMS1(Texas Red)/CEN11p(FITC) FISH Probe
FA0504	CATENINB1(Texas Red)/CEN3q(FITC) FISH Probe	FA0009	ENO1 FISH Probe
A0200	CAV1 FISH Probe	FA0505	Eph A4(Texas Red)/CEN2q(FITC) FISH Probe
FA0370	CBFB FISH Probe	FA0530	Eph A7(Texas Red)/CEN6p(FITC) FISH Probe
A0252	CCDC6 FISH Probe	FA0487	EPHA10(Texas Red)/CEN1p(FITC) FISH Probe
A0173	CCNC FISH Probe	FA0540	EPHA11(Texas Red)/CEN7q(FITC) FISH Probe
A0566	CCND2(Texas Red)/CEN12p(FITC) FISH Probe	FA0483	EPHA2(Texas Red)/CEN1p(FITC) FISH Probe
FA0278	CD82 FISH Probe	FA0509	EPHA3(Texas Red)/CEN3q(FITC) FISH Probe
A0276 A0095		FA0482	EPHA8(Texas Red)/CEN1p(FITC) FISH Probe
	CDC25A FISH Probe		
FA0149	CDC25C FISH Probe	FA0510	EPHB1(Texas Red)/CEN3q(FITC) FISH Probe
FA0138	CDH12 FISH Probe	FA0484	EPHB2(Texas Red)/CEN1p(FITC) FISH Probe
FA0376	CDH13 FISH Probe	FA0511	EPHB3(Texas Red)/CEN3q(FITC) FISH Probe
FA0195	CDK6 FISH Probe	FA0539	EPHB41(Texas Red)/CEN7q(FITC) FISH Probe
FA0305	CDKN1B FISH Probe	FA0037	EPS15 FISH Probe
A0437	CEBPB FISH Probe	FA0266	EPS8L2 FISH Probe
A0017	CELA2B FISH Probe	FA0420	ERCC2 FISH Probe
FA0021	CELA3A FISH Probe	FA0358	ERCC4 FISH Probe
FA0613	CHRNA4(Texas Red)/CEN20p(FITC) FISH Probe	FA0327	ERCC5 FISH Probe
FA0257	CHUK FISH Probe	FA0533	ESR(Texas Red)/CEN6p(FITC) FISH Probe
		FA0564	ETS1(Texas Red)/CEN11g(FITC) FISH Probe



Cat. Num.	Product Name	Cat. Num.	Product Name
A0614	ETS2(Texas Red)/CEN21q(FITC) FISH Probe	FA0534	HOXA9(Texas Red)/CEN7p(FITC) FISH Probe
A0392	ETV4 FISH Probe	FA0558	HRAS(Texas Red)/CEN11p(FITC) FISH Probe
A0277	EXT2 FISH Probe	FA0445	HSPA13 FISH Probe
A0142	F2R FISH Probe	FA0507	hTR(Texas Red)/CEN3q(FITC) FISH Probe
A0379	FANCA FISH Probe	FA0084	HTR1F FISH Probe
A0556	FAS(Texas Red)/CEN10p(FITC) FISH Probe	FA0318	IFT88 FISH Probe
A0132	FAT4 FISH Probe	FA0181	IGF2R FISH Probe
A0577	FES(Texas Red)/CEN15q(FITC) FISH Probe	FA0535	IGFBP1(Texas Red)/CEN7p(FITC) FISH Probe
A0081	FEV FISH Probe	FA0579	IGFR(Texas Red)/CEN15q(FITC) FISH Probe
A0001	FGF1 FISH Probe	FA0496	IGFR1(Texas Red)/CEN1p(FITC) FISH Probe
A0140	FGF10 FISH Probe	FA0341	IGH@ FISH Probe
		FA0111	
A0288	FGF3 FISH Probe	FA0469	IGSF10 FISH Probe
A0287	FGF4 FISH Probe		IL1RAPL2 FISH Probe
A0126	FGF5 FISH Probe	FA0056	IL24 FISH Probe
A0302	FGF6 FISH Probe	FA0184	IL6 FISH Probe
A0515	FGFR5(Texas Red)/CEN4p(FITC) FISH Probe	FA0080	IL8RA FISH Probe
A0485	FGR(Texas Red)/CEN1p(FITC) FISH Probe	FA0328	ING1 FISH Probe
A0506	FHIT(Texas Red)/CEN3q(FITC) FISH Probe	FA0594	INSR(Texas Red)/CEN19q(FITC) FISH Probe
A0240	FIBCD1 FISH Probe	FA0522	IRF1(Texas Red)/CEN5q(FITC) FISH Probe
A0565	FLI1(Texas Red)/CEN11q(FITC) FISH Probe	FA0521	IRF2(Texas Red)/CEN4q(FITC) FISH Probe
A0572	FLT3(Texas Red)/CEN13q(FITC) FISH Probe	FA0526	IRF4(Texas Red)/CEN6p(FITC) FISH Probe
A0079	FN1 FISH Probe	FA0498	IRR(Texas Red)/CEN1p(FITC) FISH Probe
A0575	FOS(Texas Red)/CEN14q(FITC) FISH Probe	FA0082	IRS1 FISH Probe
A0421	FOSB FISH Probe	FA0394	ITGA3 FISH Probe
A0284	FOSL1 FISH Probe	FA0602	JAG1(Texas Red)/CEN20q(FITC) FISH Probe
A0333	FOXG1 FISH Probe	FA0225	JAK2 FISH Probe
A0337	FOXN3 FISH Probe	FA0187	JAZF1 FISH Probe
A0256	FRAT1 FISH Probe	FA0491	JUN(Texas Red)/CEN1p(FITC) FISH Probe
A0312	FRS2 FISH Probe	FA0411	JUNB FISH Probe
A0352	FURIN FISH Probe	FA0065	KCNK12 FISH Probe
A0383	FXR2 FISH Probe	FA0323	KCNRG FISH Probe
		FA0299	
A0174	FYN FISH Probe		KDM5A FISH Probe
A0133	GAB1 FISH Probe	FA0517	KIT(Texas Red)/CEN4p(FITC) FISH Probe
A0343	GABRB3 FISH Probe	FA0237	KLF4 FISH Probe
A0567	GAPDH(Texas Red)/CEN12p(FITC) FISH Probe	FA0422	KLK2 FISH Probe
A0246	GATA3 FISH Probe	FA0307	KRT8 FISH Probe
FA0083	GBX2 FISH Probe	FA0401	LAMA3 FISH Probe
A0139	GDNF FISH Probe	FA0499	LAMC2(Texas Red)/CEN1q(FITC) FISH Probe
A0461	GEMIN8 FISH Probe	FA0329	LAMP1 FISH Probe
A0041	GFI1 FISH Probe	FA0457	LIF FISH Probe
A0262	GFRA1 FISH Probe	FA0584	LIS1(Texas Red)/CEN17q(FITC) FISH Probe
A0465	GJB1 FISH Probe	FA0270	LMO1 FISH Probe
A0317	GJB2 FISH Probe	FA0276	LMO2 FISH Probe
A0571	GLI(Texas Red)/CEN12p(FITC) FISH Probe	FA0025	LOC391020 FISH Probe
A0074	GLI2 FISH Probe	FA0231	LOC642406 FISH Probe
A0188	GLI3 FISH Probe	FA0477	LOC643123 FISH Probe
A0156	GNB2L1 FISH Probe	FA0245	LOC727894 FISH Probe
A0070	GNLY FISH Probe	FA0076	LRP1B FISH Probe
A0326	GPC5 FISH Probe	FA0291	
		FA0216	LRRC32 FISH Probe
A0536	GRB10(Texas Red)/CEN7q(FITC) FISH Probe		LYN FISH Probe
A0026	GRRP1 FISH Probe	FA0590	MADH4(Texas Red)/CEN18q(FITC) FISH Probe
A0454	GSTT1 FISH Probe	FA0375	MAF FISH Probe
A0242	GTF3C4 FISH Probe	FA0473	MAGEA8 FISH Probe
A0078	GULP1 FISH Probe	FA0346	MAP2K5 FISH Probe
A0514	HD(Texas Red)/CEN4p(FITC) FISH Probe	FA0127	MAPK10 FISH Probe
A0033	HDAC1 FISH Probe	FA0513	MASP1(Texas Red)/CEN3q(FITC) FISH Probe
A0468	HDX FISH Probe	FA0363	MAZ FISH Probe
A0380	HIC1 FISH Probe	FA0628	MBP(Texas Red)/CEN18q(FITC) FISH Probe
A0452	HIC2 FISH Probe	FA0146	MCC FISH Probe
A0450	HIRA FISH Probe	FA0618	MCF2(Texas Red)/CENXp(FITC) FISH Probe
A0479	HKR3(Texas Red)/CEN1p(FITC) FISH Probe	FA0112	MECOM FISH Probe
A0164	HLA-C FISH Probe	FA0137	MED10 FISH Probe
A0165	HMGA1 FISH Probe	FA0004	MEGF6 FISH Probe
A0627	HNF1B(Texas Red)/CEN17q(FITC) FISH Probe	FA0068	MEIS1 FISH Probe
	12(10/00 100)/OLIVITY(I ITO) I TOITT TODE	17.0000	



Cat. Num.	Product Name	Cat. Num.	Product Name
FA0211	MFHAS1 FISH Probe	FA0214	PDGFRL FISH Probe
FA0012	MFN2 FISH Probe	FA0028	PDIK1L FISH Probe
A0075	MGAT5 FISH Probe	FA0538	PGY1(Texas Red)/CEN7q(FITC) FISH Probe
FA0013	MIIP FISH Probe	FA0402	PIK3C3 FISH Probe
A0103	MITF FISH Probe	FA0109	PIK3CB FISH Probe
A0425	MKKS FISH Probe	FA0197	PIK3CG FISH Probe
A0459	MKL1 FISH Probe	FA0141	PIK3R1 FISH Probe
A0226	MLANA FISH Probe	FA0448	PKNOX1 FISH Probe
A0503	MLH1(Texas Red)/CEN3q(FITC) FISH Probe	FA0019	PLA2G2A FISH Probe
A0368	MMP2 FISH Probe	FA0218	PLAG1 FISH Probe
A0306 A0456	MN1 FISH Probe	FA0432	PLCG1 FISH Probe
A0381	MNT FISH Probe	FA0349	PML FISH Probe
A0543	MOS1(Texas Red)/CEN8p(FITC) FISH Probe	FA0104	POU1F1 FISH Probe
A0474	MPP1 FISH Probe	FA0161	POU5F1 FISH Probe
FA0294	MRE11A FISH Probe	FA0241	PPAPDC3 FISH Probe
FA0581	MRP1(Texas Red)/CEN16q(FITC) FISH Probe	FA0085	PPARG FISH Probe
A0066	MSH6 FISH Probe	FA0015	PRAMEF1 FISH Probe
A0251	MSMB FISH Probe	FA0003	PRDM16 FISH Probe
A0097	MST1 FISH Probe	FA0016	PRDM2 FISH Probe
A0098	MST1R FISH Probe	FA0169	PRIM2 FISH Probe
A0229	MTAP FISH Probe	FA0064	PRKCE FISH Probe
A0475	MTCP1 FISH Probe	FA0002	PRKCZ FISH Probe
A0544	MTG81(Texas Red)/CEN8q(FITC) FISH Probe	FA0415	PSMC4 FISH Probe
A0551	MUSK(Texas Red)/CEN9q(FITC) FISH Probe	FA0102	PSMD6 FISH Probe
FA0261	MXI1 FISH Probe	FA0316	PSMD9 FISH Probe
FA0532		FA0235	PTCH1 FISH Probe
	MYB(Texas Red)/CEN6p(FITC) FISH Probe		
FA0219	MYBL1 FISH Probe	FA0011	PTCHD2 FISH Probe
FA0433	MYBL2 FISH Probe	FA0230	PTENP1 FISH Probe
FA0488	MYCL1(Texas Red)/CEN1p(FITC) FISH Probe	FA0608	PTGIS(Texas Red)/CEN20p(FITC) FISH Probe
FA0580	MYH11(Texas Red)/CEN16q(FITC) FISH Probe	FA0055	PTGS2 FISH Probe
FA0455	MYO18B FISH Probe	FA0032	PTP4A2 FISH Probe
FA0273	MYOD1 FISH Probe	FA0607	PTPN1(Texas Red)/CEN20p(FITC) FISH Probe
FA0364	MYST1 FISH Probe	FA0545	PTPRD1(Texas Red)/CEN9q(FITC) FISH Probe
FA0222	NBN FISH Probe	FA0035	PTPRF FISH Probe
FA0108	NCK1 FISH Probe	FA0101	PTPRG FISH Probe
FA0062	NCOA1 FISH Probe	FA0154	PTTG1 FISH Probe
FA0325	NDFIP2 FISH Probe	FA0630	PYGL(Texas Red)/CEN14q(FITC) FISH Probe
FA0159	NEDD9 FISH Probe	FA0282	PYGM FISH Probe
FA0623	NEO1(Texas Red)/CEN15q(FITC) FISH Probe	FA0285	RAB1B FISH Probe
FA0162	NEU1 FISH Probe	FA0309	RAB5B FISH Probe
FA0308	NFE2 FISH Probe	FA0183	RAC1 FISH Probe
FA0131	NFKB1 FISH Probe	FA0087	RAF1 FISH Probe
FA0260	NFKB2 FISH Probe	FA0044	RAP1A FISH Probe
FA0414	NFKBIB FISH Probe	FA0090	RARB FISH Probe
FA0024	NIPAL3 FISH Probe	FA0144	RASGRF2 FISH Probe
FA0588	NM23H1(Texas Red)/CEN17q(FITC) FISH Probe	FA0574	RB1(Texas Red)/CEN13q(FITC) FISH Probe
FA0629	NPY(Texas Red)/CEN7p(FITC) FISH Probe	FA0367	RBL2 FISH Probe
FA0152	NR3C1 FISH Probe	FA0043	RBM15 FISH Probe
A0494	NRAS(Texas Red)/CEN1q(FITC) FISH Probe	FA0110	RBP2 FISH Probe
FA0557	NRG3(Texas Red)/CEN10p(FITC) FISH Probe	FA0224	RECQL4 FISH Probe
A0495	NTRK1(Texas Red)/CEN1p(FITC) FISH Probe	FA0283	RELA FISH Probe
A0029	NUDC FISH Probe	FA0096	RHOA FISH Probe
A0052	NUF2 FISH Probe	FA0045	RHOC FISH Probe
A0559	NUP98(Texas Red)/CEN11p(FITC) FISH Probe	FA0400	RNMT FISH Probe
A0061	ODC1 FISH Probe	FA0490	ROR1(Texas Red)/CEN1p(FITC) FISH Probe
A0361	OTOA FISH Probe	FA0548	ROR2(Texas Red)/CEN9q(FITC) FISH Probe
A0301 FA0480		FA0531	, , , ,
	p58(Texas Red)/CEN1p(FITC) FISH Probe		ROS1(Texas Red)/CEN6p(FITC) FISH Probe
FA0561	PAK1(Texas Red)/CEN11p(FITC) FISH Probe	FA0182	RPS6KA2 FISH Probe
FA0258	PAX2 FISH Probe	FA0589	RPS6KB1(Texas Red)/CEN17q(FITC) FISH Probe
FA0073	PAX8 FISH Probe	FA0272	RRAS2 FISH Probe
A0163	PBX2 FISH Probe	FA0060	RRM2 FISH Probe
FA0148	PCBD2 FISH Probe	FA0293	RSF1 FISH Probe
A0324	PCDH9 FISH Probe	FA0446	RUNX1 FISH Probe
FA0145	PCSK1 FISH Probe	FA0553	RXRA(Texas Red)/CEN9q(FITC) FISH Probe
		FA0585	RYK(Texas Red)/CEN17q(FITC) FISH Probe



Cat. Num.	Product Name	Cat. Num.	Product Name
FA0048	S100A2 FISH Probe	FA0489	TIE1(Texas Red)/CEN1p(FITC) FISH Probe
FA0366	SALL1 FISH Probe	FA0547	TIE2(Texas Red)/CEN9q(FITC) FISH Probe
A0570	SAS(Texas Red)/CEN12p(FITC) FISH Probe	FA0398	TK1 FISH Probe
A0362	SBK1 FISH Probe	FA0347	TLE3 FISH Probe
A0143	SCAMP1 FISH Probe	FA0259	TLX1 FISH Probe
A0077	SCN1A FISH Probe	FA0155	TLX3 FISH Probe
A0406	SERPINB5 FISH Probe	FA0481	TNFRSF1B(Texas Red)/CEN1p(FITC) FISH Probe
FA0239	SET FISH Probe	FA0604	TOP1(Texas Red)/CEN20p(FITC) FISH Probe
FA0030	SFN FISH Probe	FA0502	TOP2B(Texas Red)/CEN3q(FITC) FISH Probe
FA0069	SFXN5 FISH Probe	FA0049	TPM3 FISH Probe
FA0470	SH2D1A FISH Probe	FA0339	TRAF3 FISH Probe
FA0615	SHOX(Texas Red)/CENXp(FITC) FISH Probe	FA0331	TRD@ FISH Probe
FA0198	SLC26A3 FISH Probe	FA0204	TRIM24 FISH Probe
FA0008	SLC45A1 FISH Probe	FA0396	TRIM37 FISH Probe
FA0410	SMARCA4 FISH Probe	FA0497	TRKA(Texas Red)/CEN1p(FITC) FISH Probe
FA0203	SMO FISH Probe	FA0549	TRKB(Texas Red)/CEN9q(FITC) FISH Probe
FA0424	SMOX FISH Probe	FA0578	TRKC(Texas Red)/CEN15q(FITC) FISH Probe
FA0342		FA0243	TSC1 FISH Probe
	SNRPN FISH Probe		
FA0336	SNW1 FISH Probe	FA0321 FA0086	TSC22D1 FISH Probe
FA0180	SOD2 FISH Probe		TSEN2 FISH Probe
FA0063	SOS1 FISH Probe	FA0274	TSG101 FISH Probe
FA0384	SPECC1 FISH Probe	FA0476	TSPY9 FISH Probe
FA0378	SPG7 FISH Probe	FA0058	TTC13 FISH Probe
A0280	SPI1 FISH Probe	FA0460	TYMP FISH Probe
FA0603	SRC(Texas Red)/CEN20p(FITC) FISH Probe	FA0598	TYROBP(Texas Red)/CEN19p(FITC) FISH Probe
FA0466	SSX2 FISH Probe	FA0631	UBE2V2(Texas Red)/CEN8p(FITC) FISH Probe
FA0117	ST6GAL1 FISH Probe	FA0345	UNC13C FISH Probe
FA0201	ST7 FISH Probe	FA0190	UPP1 FISH Probe
FA0390	STAT3 FISH Probe	FA0107	UROC1 FISH Probe
FA0389	STAT5A FISH Probe	FA0051	USF1 FISH Probe
FA0193	STEAP4 FISH Probe	FA0412	USF2 FISH Probe
FA0611	STK15(Texas Red)/CEN20p(FITC) FISH Probe	FA0315	UTP20 FISH Probe
FA0612	STK6(Texas Red)/CEN20p(FITC) FISH Probe	FA0593	VAV1(Texas Red)/CEN19q(FITC) FISH Probe
FA0569	STYK1(Texas Red)/CEN12q(FITC) FISH Probe	FA0168	VEGFA FISH Probe
FA0387	SUZ12 FISH Probe	FA0573	VEGFR1(Texas Red)/CEN13q(FITC) FISH Probe1
FA0458	SYN3 FISH Probe	FA0516	VEGFR2(Texas Red)/CEN4p(FITC) FISH Probe
FA0178	SYNE1 FISH Probe	FA0525	VEGFR3(Texas Red)/CEN5q(FITC) FISH Probe
FA0563	T3D(Texas Red)/CEN11q(FITC) FISH Probe	FA0313	VENTXP3 FISH Probe
FA0486	TAL1(Texas Red)/CEN1p(FITC) FISH Probe	FA0247	VIM FISH Probe
FA0550	TAL2(Texas Red)/CEN9q(FITC) FISH Probe	FA0014	VPS13D FISH Probe
A0122	TBC1D1 FISH Probe	FA0020	VWA5B1 FISH Probe
A0451	TBX1 FISH Probe	FA0264	WDR11 FISH Probe
A0205	TBXAS1 FISH Probe	FA0120	WHSC1 FISH Probe
A0023	TCEA3 FISH Probe	FA0306	WNT10B FISH Probe
A0355	TCEB2 FISH Probe	FA0202	WNT2 FISH Probe
FA0541	TCRB1(Texas Red)/CEN7g(FITC) FISH Probe	FA0393	WNT3 FISH Probe
FA0271	TEAD1 FISH Probe	FA0300	WNT5B FISH Probe
A0568	TEL(Texas Red)/CEN12p(FITC) FISH Probe	FA0215	WRN FISH Probe
FA0136	TERT FISH Probe	FA0275	WT1 FISH Probe
FA0199	TES FISH Probe	FA0088	XPC FISH Probe
FA0158	TFAP2A FISH Probe	FA0334	YWHAZP1 FISH Probe
FA0441		FA0334 FA0338	
	TFAP2C FISH Probe		YY1 FISH Probe
FA0330	TFDP1 FISH Probe	FA0373	ZFHX3 FISH Probe
FA0105	TFG FISH Probe	FA0624	ZNF146(Texas Red)/CEN19p(FITC) FISH Probe
FA0597	TGFB1(Texas Red)/CEN19p(FITC) FISH Probe	FA0610	ZNF217(Texas Red)/CEN20p(FITC) FISH Probe
FA0267	TH FISH Probe	FA0632	ZNF227(Texas Red)/CEN19p(FITC) FISH Probe
FA0587	THRA(Texas Red)/CEN17q(FITC) FISH Probe	FA0209	ZNF425 FISH Probe

Accessory Kits & Reagents

Product Name: FFPE FISH PreTreatment Kit 1

Cat. Num. : KA2375

Product Description:

Pre-treatment is an essential step for effective FISH on Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections. This kit contains key reagents used to pretreat FFPE tissue sections from dewaxing with xylene through proteolytic digestion to helps permeabilization of cell membranes to facilitate penetration of fluorescence labeled probes. After proteolytic digestion, proceed the subsequent steps with the FISH assay protocol.

Product Name: FFPE FISH PreTreatment Kit 2

Cat. Num. : KA2376

Product Description:

Pre-treatment is an essential step for effective FISH on Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections. This kit contains key reagents used to pretreat FFPE tissue sections from dewaxing with xylene through proteolytic digestion to helps permeabilization of cell membranes to facilitate penetration of fluorescence labeled probes. After proteolytic digestion, proceed the subsequent steps with the FISH assay protocol.

Cat. Num.	Product Name	Product Description
U0032	Antifade Solution	Antifade Solution is comprised of Antifade and glycerol in an aqueous buffer solution.
U0031	DAPI Counterstain (1500ng/ml)	Recommended counterstain when a more intense DAPI stain is desired. Provides more distinct DAPI banding patterns than achievable with DAPI Counterstain (1500 ng/mL) in certain applications such as staining of nuclear DNA in paraffin sections.
U0030	DAPI Counterstain (150ng/ml)	DAPI is the recommended counterstain for FISH probes. This concentration of DAPI provides a weaker DAPI stain usually preferred with smaller probe signals such as FISH probes.
KA2375	FFPE FISH PreTreatment Kit 1	Pre-treatment is an essential step for effective FISH on Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections. This kit contains key reagents used to pretreat FFPE tissue sections from dewaxing with xylene through proteolytic digestion to helps permeabilization of cell membranes to facilitate penetration of fluorescence labeled probes. After proteolytic digestion, proceed the subsequent steps with the FISH assay protocol.
KA2376	FFPE FISH PreTreatment Kit 2	Pre-treatment is an essential step for effective FISH on Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections. This kit contains key reagents used to pretreat FFPE tissue sections from dewaxing with xylene through proteolytic digestion to helps permeabilization of cell membranes to facilitate penetration of fluorescence labeled probes. After proteolytic digestion, proceed the subsequent steps with the FISH assay protocol.
U0028	FISH Hybridization Buffer(1ml)	FISH Hybridization Buffer is optimized for performance with FISH probes and contains dextran sulfate, formamide, and SSC (pH 7.0).
U0029	FISH Hybridization Buffer(5ml)	FISH Hybridization Buffer is optimized for performance with FISH probes and contains dextran sulfate, formamide, and SSC (pH 7.0).

