Fluoreszenz-*in situ*- Hybridisierung an Metaphasen und Interphasekernen (native, fixierte Zellen) Stand 31.08.2026

Art der Sonde	Genlokus / Genorte	Bezeichnung (Firma)
Locusspezifische Sonden	1p36 (CDK11B/CDK11A/RH65426)	Vysis 1p36 Microdeletion Region Probe - LSI p58 (1p36) SO/TelVysion 1p SG/LSI 1q25 SA (Fa. Abbott)
Locusspezifische Sonden	1pTEL (AGRN)	Vysis 1p36 Microdeletion Region Probe - LSI p58 (1p36) SO/TelVysion 1p SG/LSI 1q25 SA (Fa. Abbott)
Locusspezifische Sonden	1q25 (ANGPTL/ABL2)	Vysis 1p36 Microdeletion Region Probe - LSI p58 (1p36) SO/TelVysion 1p SG/LSI 1q25 SA (Fa. Abbott)
Locusspezifische Sonden	4p11.1-q11.1 (D4Z1)	Vysis Wolf-Hirschhorn Region Probe - LSI WHS SO/CEP 4 SG (Fa. Abbott)
Locusspezifische Sonden	4p16.3 (WHSC1/WHSC2)	Vysis Wolf-Hirschhorn Region Probe - LSI WHS SO/CEP 4 SG (Fa. Abbott)
Locusspezifische Sonden	7q11.23 (ELN)	Vysis Williams Region Probe - LSI ELN SO/LSI D7S486, D7S522 SG (Fa. Abbott)
Locusspezifische Sonden	7q11.23 (ELN)	WBS rot/7p11.2 grün (Metasystems)
Locusspezifische Sonden	7q31 (D7S486/D7S522)	Vysis Williams Region Probe - LSI ELN SO/LSI D7S486, D7S522 SG (Fa. Abbott)
Locusspezifische Sonden	7q11.2 (EGFR)	WBS rot/7p11.2 grün (Metasystems)
Locusspezifische Sonden	13q14 (RB1)	Aneusomy Probe XA 13/18/21 (Fa. Metasystems)
Locusspezifische Sonden	15p11.2 (D15Z1)	Vysis Prader-Willi/Angelman Region Probe - LSI D15S10 (SO)/Vysis CEP 15 (D15Z1) (SA)/PML (SG) (Fa. Abbott)
Locusspezifische Sonden	15p11.2 (D15Z1)	Vysis Prader-Willi/Angelman Region Probe - LSI D15S11 SO/CEP 15 (D15Z1) SG (Fa. Abbott)
Locusspezifische Sonden	15p11.2 (D15Z1)	Vysis Prader-Willi/Angelman Region Probe - LSI GABRB3 SO/CEP 15 (D15Z1) SG (Fa. Abbott)
Locusspezifische Sonden	15p11.2 (D15Z1)	Vysis Prader-Willi/Angelman Region Probe - LSI SNRPN (SO)/Vysis CEP 15 (D15Z1) (SA)/LSI PML (SG) TriColor Probe (Fa. Abbott)
Locusspezifische Sonden	15q11.2 (SNRPN)	SNRPN rot/PML grün (Metasystems)
Locusspezifische Sonden	15q11 (UBE3A)	Angelman UBE3A (15q11) / PML (15q24) (Fa. Kreatech)
Locusspezifische Sonden	15q11-q13 (D15S10)	Vysis Prader-Willi/Angelman Region Probe - LSI D15S10 (SO)/Vysis CEP 15 (D15Z1) (SA)/PML (SG) (Fa. Abbott)
Locusspezifische Sonden	15q11-q13 (D15S11)	Vysis Prader-Willi/Angelman Region Probe - LSI D15S11 SO/CEP 15 (D15Z1) SG (Fa. Abbott)
Locusspezifische Sonden	15q11-q13 (SNRPN)	Vysis Prader-Willi/Angelman Region Probe - LSI SNRPN (SO)/Vysis CEP 15 (D15Z1) (SA)/LSI PML (SG) TriColor Probe (Fa. Abbott)
Locusspezifische Sonden	15q24 (PML)	SNRPN rot/PML grün (Metasystems)
Locusspezifische Sonden	15q24 (PML)	Vysis Prader-Willi/Angelman Region Probe - LSI D15S10 (SO)/Vysis CEP 15 (D15Z1) (SA)/PML (SG) (Fa. Abbott)
Locusspezifische Sonden	15q24 (PML)	Vysis Prader-Willi/Angelman Region Probe - LSI SNRPN (SO)/Vysis CEP 15 (D15Z1) (SA)/LSI PML (SG) TriColor Probe (Fa. Abbott)
Locusspezifische Sonden	15q24 (PML)	Angelman UBE3A (15q11) / PML (15q24) (Fa. Kreatech)
Locusspezifische Sonden	17p11.2 (SHMT1/TOP3A/FLII/LLGL1)	Vysis Smith-Magenis Region Probe - LSI SMS Region SO/LSI RARA SG (Fa. Abbott)
Locusspezifische Sonden	17p13.3 (LIS1)	Vysis Miller-Dieker Region/Isolated Lissencephaly Probe LSI LIS1 SO/LSI RARA SG (Fa. Abbott)
Locusspezifische Sonden	17q21.1 (RARA)	Vysis Miller-Dieker Region/Isolated Lissencephaly Probe LSI LIS1 SO/LSI RARA SG (Fa. Abbott)
Locusspezifische Sonden	17q21.1 (RARA)	Vysis Smith-Magenis Region Probe - LSI SMS Region SO/LSI RARA SG (Fa. Abbott)
Locusspezifische Sonden	18p11.1-q11.1	Aneusomy Probe XA X/Y/18 (Fa. Metasystems)
Locusspezifische Sonden	18q21	Aneusomy Probe XA 13/18/21 (Fa. Metasystems)
Locusspezifische Sonden	21q22 (DSCR4)	Aneusomy Probe XA 13/18/21 (Fa. Metasystems)
Locusspezifische Sonden	22q11 (HIRA)	Vysis DiGeorge Region Probe - LSI TUPLE 1 (HIRA) SO/ LSI ARSA SG (Fa. Abbott)
Locusspezifische Sonden	22q11.21 (HIRA)	TUPLE1(HIRA)/SHANK3 Deletion Probe (Fa. Cytocell)
Locusspezifische Sonden	22q13 (ARSA)	Vysis DiGeorge Region Probe - LSI TUPLE 1 (HIRA) SO/ LSI ARSA SG (Fa. Abbott)
Locusspezifische Sonden	22q13.33 (SHANK3)	TUPLE1(HIRA)/SHANK3 Deletion Probe (Fa. Cytocell)
Locusspezifische Sonden	Xp11.1-q11.1	Aneusomy Probe XA X/Y (Fa. Metasystems)
Locusspezifische Sonden	Xp11.1-q11.1	Aneusomy Probe XA X/Y/18 (Fa. Metasystems)
Locusspezifische Sonden	Xp11.1-q11.1 (DXZ1)	Vysis Kallman Region Probe - LSI KAL SO/ CEP X SG (Fa. Abbott)
Locusspezifische Sonden	Xp11.1-q11.1 (DXZ1)	Vysis SRY Probe LSI SRY SO/CEP X SG (Fa. Abbott)
Locusspezifische Sonden	Xp11.1-q11.1 (DXZ1)	Vysis Steroid Sulfatase Deficiency Probe - LSI STS SO/LSI CEP X SG (Fa. Abbott)
Locusspezifische Sonden	Xp11.1-q11.1 (DXZ1)	MD X-Inactivation XIST (Xq13) /SE X (Fa. Kreatech)
Locusspezifische Sonden	Xp22.3 (KAL1)	Vysis Kallman Region Probe - LSI KAL SO/ CEP X SG (Fa. Abbott)
Locusspezifische Sonden	Xp22.3 (SHOX)	CytoCell SHOX FISH Probe (Fa. Cytocell)
Locusspezifische Sonden	Xp22.3 (STS)	Vysis Steroid Sulfatase Deficiency Probe - LSI STS SO/LSI CEP X SG (Fa. Abbott)
Locusspezifische Sonden	Xq12 (AR)	Vysis LSI Androgen Receptor Gene (Xq12) SO (Fa. Abbott)
Locusspezifische Sonden	Xq13.2 (XIST)	MD X-Inactivation XIST (Xq13) /SE X (Fa. Kreatech)
Locusspezifische Sonden	Yp11.1-q11.1	Aneusomy Probe XA X/Y (Fa. Metasystems)
Locusspezifische Sonden	Yp11.1-q11.1	Aneusomy Probe XA X/Y/18 (Fa. Metasystems)
Locusspezifische Sonden	Yp11.3 (SRY)	Vysis SRY Probe - LSI SRY SO (Fa. Abbott)
Locusspezifische Sonden	Yp11.3 (SRY)	Vysis SRY Probe LSI SRY SO/CEP X SG (Fa. Abbott)
Locusspezifische Sonden	acro-p	XL Acro-p Probe (Fa. Metasystems)
onkologische Sonden	1p32(CDKN2C)	XL CDKN2C/CKS1B Amplification/Deletion Probe (Fa. Metasystems)
onkologische Sonden	1q21(CKS1B)	XL CDKN2C/CKS1B Amplification/Deletion Probe (Fa. Metasystems)

onkologische Sonden	1q23 (PBX1)	Vysis LSI TCF3/PBX1 Dual Color, Dual Fusion Translocation Probe (Fa. Abbott)
onkologische Sonden	2p11 (IGK) cen	XL 2p11 IGK BA (MetaSystems)
onkologische Sonden	2p11 (IGK) tel	XL 2p11 IGK BA (MetaSystems)
onkologische Sonden	2p11.1-q11.1 (D2Z)	Vysis LSI N-MYC (Fa. Abbott)
onkologische Sonden	2p23 (ALK) cen	Vysis LSI ALK Dual Color, Break Apart Rearrangement Probe (Fa. Abbott)
onkologische Sonden	2p23 (ALK) tel	Vysis LSI ALK Dual Color, Break Apart Rearrangement Probe (Fa. Abbott)
onkologische Sonden	2p24.1 (N-MYC)	Vysis LSI N-MYC (Fa. Abbott)
onkologische Sonden	18q21 (MALT1) cen	XL MALT1 BA (Fa. MetaSystems)
onkologische Sonden	18q21 (MALT1) tel	XL MALT1 BA (Fa. MetaSystems)
onkologische Sonden	3q26 (MECOM) cen	XL MECOM 3q26 Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	3q26 (MECOM) tel	XL MECOM 3q26 Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	3q27 (BCL6) cen	Vysis LSI BCL6 (ABR) Dual Color Break Apart Rearrangement Probe (Fa. Abbott)
onkologische Sonden	3q27 (BCL6) tel	Vysis LSI BCL6 (ABR) Dual Color Break Apart Rearrangement Probe (Fa. Abbott)
onkologische Sonden	3q27-28 (BCL6) cen	XL BCL6 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	3q27-28 (BCL6) tel	XL BCL6 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	4p16 (FGFR3)	XL t(4;14) Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	4q12 (FIP1L1)	XL 4q12 Translocation/Deletion Probe (Fa. MetaSystems)
onkologische Sonden	4q12 (FIP1L1)	XL TET2 Deletion Probe (Fa. MetaSystems)
onkologische Sonden	4q12 (LNX,CHIC2)	XL 4q12 Translocation/Deletion Probe (Fa. MetaSystems)
onkologische Sonden	4q12 (PDGFRA)	XL 4q12 Translocation/Deletion Probe (Fa. MetaSystems)
onkologische Sonden	4q24 (TET2)	XL TET2 Deletion Probe (Fa. MetaSystems)
onkologische Sonden	5p15 (D5S1518E,D5S630,D5S1976)	XL 5p15/9q22/15q22 Hyperdiploidy Amplification Probe (Fa. MetaSystems)
onkologische Sonden	5p15.2-15.3 (D5S1518E/D5S1976	XL Del(5)(q31) (Fa. MetaSystems)
onkologische Sonden	5q31 (EGR1)	XL Del(5)(q31) (Fa. MetaSystems)
onkologische Sonden	5q32-33 (PDGFRB) cen	XL 5q32 PDGFRB Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	5q32-33 (PDGFRB) tel	XL 5q32 PDGFRB Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	5q35.1 (TLX3) cen	TLX3 Breakapart (Fa. Cytocell)
onkologische Sonden	5q35.1 (TLX3) tel	TLX3 Breakapart (Fa. Cytocell)
onkologische Sonden	5q35.2-35.3 (NSD1)	XL t(5;11) NSD1/NUP98 Dual Fusion Probe (Fa. Metasystems)
onkologische Sonden	6p21 (CCND3)	XL t(6;14) CCND3/IGH Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	6p22.3 (DEK)	XL t(6;9) DEK/NUP214 Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	6q21 (SEC63)	XL 6q21/6q23 Deletion Probe (Fa. MetaSystems)
onkologische Sonden	6q23 (MYB)	XL 6q21/6q23 Deletion Probe (Fa. MetaSystems)
onkologische Sonden	7p11.1-q11.1 (D7Z1)	XL 7q22/7q36 Deletion Probe (Fa. MetaSystems)
onkologische Sonden	7q22 (KMT2E)	XL 7q22/7q36 Deletion Probe (Fa. MetaSystems)
onkologische Sonden	7q34 (TCRB/TRB) cen	TCRB (TRB) Breakapart (Fa. Cytocell)
onkologische Sonden	7q34 (TCRB/TRB) tel	TCRB (TRB) Breakapart (Fa. Cytocell)
onkologische Sonden	7q36 (EZH2)	XL 7q22/7q36 Deletion Probe (Fa. MetaSystems)
onkologische Sonden	8p11 (FGFR1) cen	XL FGFR1 Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	8p11 (FGFR1) tel	XL FGFR1 Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	8p21.3 (TRAIL)	CD37/TRAIL Probe (Fa. Cytocell)
onkologische Sonden	8q21.3 (RUNX1T1)	Vysis LSI RUNX1/ RUNX1T1 [AML1/ETO] Dual Color, Dual Fusion Translokation Probe (Fa. Abbott)
onkologische Sonden	8q21.3q22.1 (RUNX1T1)	XL t(8;21) Dual Fusion (Fa. Metasystems)
onkologische Sonden	8q24 (MYC)	XL t(8;14) Translokation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	8q24 (MYC) cen	XL MYC BA Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	8q24 (MYC) tel	XL MYC BA Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	*8q24.21 (POU5F1B)*	*XL MYC BA triple-color (Fa. MetaSystems)*
onkologische Sonden	*8q24.21 (MYC/PVT1)*	*XL MYC BA triple-color (Fa. MetaSystems)*
onkologische Sonden	*8q24.21 (D8S1207)*	*XL MYC BA triple-color (Fa. MetaSystems)*
onkologische Sonden	9p13 (PAX5) cen	XL PAX5 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	9p13 (PAX5) tel	XL PAX5 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	9p21 (CDKN2A/CDKN2B)	XL CDKN2A/9q22 Deletion Probe (Fa. Metasystems)
onkologische Sonden	9p24 (JAK2) cen	JAK2 Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	9p24 (JAK2) tel	JAK2 Break Apart Probe (Fa. MetaSystems)

onkologische Sonden	9q22 (D9S1783)	XL 5p15/9q22/15q22 Hyperdiploidy Amplification Probe (Fa. MetaSystems)
onkologische Sonden	9q22.3 (CENPP)	XL CDKN2A/9q22 Deletion Probe (Fa. Metasystems)
onkologische Sonden	9q34 (ABL)	XL BCR/ABL1 plus Translocation Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	9q34.1 (NUP214)	XL t(6;9) DEK/NUP214 Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	10q24.31 (TLX1) cen	TLX1 Breakapart (Fa. Cytocell)
onkologische Sonden	10q24.31 (TLX1) tel	TLX1 Breakapart (Fa. Cytocell)
onkologische Sonden	11p11.1-q11.1 (D11Z1)	Vysis LSI ATM SpectrumOrange/ Vysis CEP 11 SpectrumGreen Probe Kit (Fa. Abbott)
onkologische Sonden	11p11.1-q11.1 (D11Z1)	XL ATM/11 cen Deletion Probe (Fa. Metasystems)
onkologische Sonden	11p15.4 (D11S1923) tel	XL NUP98 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	11p15.4 (STIM1) cen	XL NUP98 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	11p15.4 (ZNF195/NUP98/STIM1)	XL t(5;11) NSD1/NUP98 Dual Fusion Probe (Fa. Metasystems)
onkologische Sonden	11q13 (CCND1)	XL t(11;14) Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	11q22.3 (ATM)	Vysis LSI ATM SpectrumOrange/ Vysis CEP 11 SpectrumGreen Probe Kit (Fa. Abbott)
onkologische Sonden	11q22.3 (ATM)	XL ATM/11 cen Deletion Probe (Fa. Metasystems)
onkologische Sonden	11q22.3 (ATM)	XL ATM/TP53 (Fa. MetaSystems)
onkologische Sonden	11q23.3 (KMT2A) cen	XL KMT2A Break Apart Probe (Fa. Metasystems)
onkologische Sonden	11q23.3 (KMT2A) tel	XL KMT2A Break Apart Probe (Fa. Metasystems)
onkologische Sonden	12p11.1-q11.1 (D12Z3)	XL DLEU/LAMP/CEP12 (Fa. MetaSystems)
onkologische Sonden	12p11.1-q11.1 (D12Z3)	XL MDM2 (Fa. Metasystems)
onkologische Sonden	12p13 (ETV6) cen	Vysis ETV6 Break Apart FISH Probe Kit (Fa. Abbott)
onkologische Sonden	12p13 (ETV6) tel	Vysis ETV6 Break Apart FISH Probe Kit (Fa. Abbott)
onkologische Sonden	12p13.2 (ETV6) cen	XL ETV6 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	12p13.2 (ETV6) tel	XL ETV6 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	12q15 (MDM2)	XL MDM2 (Fa. Metasystems)
onkologische Sonden	13q14 (DLEU1)	XL DLEU/LAMP/CEP12 (Fa. MetaSystems)
onkologische Sonden	13q14 (DLEU1)	XL RB1/DLEU/LAMP Deletion Probe (Fa. MetaSystems)
onkologische Sonden	13q14 (RB1)	XL RB1/DLEU/LAMP Deletion Probe (Fa. MetaSystems)
onkologische Sonden	13q34 (LAMP1)	XL DLEU/LAMP/CEP12 (Fa. MetaSystems)
onkologische Sonden	13q34 (LAMP1)	XL RB1/DLEU/LAMP Deletion Probe (Fa. MetaSystems)
onkologische Sonden	14q11.2 (TCRA/D) cen	XL TCRA/D (Fa. MetaSystems)
onkologische Sonden	14q11.2 (TCRA/D) tel	XL TCRA/D (Fa. MetaSystems
onkologische Sonden	14q32 (IGH)	XL t(14;18) IGH/BCL2 DF (Fa. MetaSystems)
onkologische Sonden	14q32 (IGH)	XL t(11;14) Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	14q32 (IGH)	XL t(14;16) IGH/MAF Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	14q32 (IGH)	XL t(14;20) IGH/MAFB Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	14q32 (IGH)	XL t(4;14) Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	14q32 (IGH)	XL t(6;14) CCND3/IGH Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	14q32 (IGH)	XL t(8;14) Translokation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	14q32 (IGH) cen	XL IGH Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	14q32 (IGH) tel	XL IGH Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	15q22 (RH120302,SMAD6,RH54426)	XL 5p15/9q22/15q22 Hyperdiploidy Amplification Probe (Fa. MetaSystems)
onkologische Sonden	15q24 (PML)	XL t(15;17) Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	16q21-22 (CBFB) cen	XL CBFB Break Apart Probe (Fa. Metasystems)
onkologische Sonden	16q21-22 (CBFB) tel	XL CBFB Break Apart Probe (Fa. Metasystems)
onkologische Sonden	16q22 (CBFB) cen	Vysis LSI CBFB Break Apart Rearrangement Probe Kit (Fa. Abbott)
onkologische Sonden	16q22 (CBFB) tel	Vysis LSI CBFB Break Apart Rearrangement Probe Kit (Fa. Abbott)
onkologische Sonden	16q23 (MAF)	XL t(14;16) IGH/MAF Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	17p13.1 (TP53)	XL ATM/TP53 (Fa. MetaSystems)
onkologische Sonden	17p13.1 (TP53)	XL TP53/NF1 Amplification/Deletion Probe (Fa. MetaSystems)
onkologische Sonden	17q11.2 (NF1)	XL TP53/NF1 Amplification/Deletion Probe (Fa. MetaSystems)
onkologische Sonden	17q21.1 (RARA)	XL t(15;17) Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	17q21.1-q21.2 (RARA)	XL t(15;17) Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	18q21 (BCL2)	XL t(14;18) IGH/BCL2 DF (Fa. MetaSystems)
onkologische Sonden	18q21.3 (BCL2) cen	XL BCL2 Break Apart Probe (Fa. Metasystems)

onkologische Sonden	18q21.3 (BCL2) tel	XL BCL2 Break Apart Probe (Fa. Metasystems)
onkologische Sonden	19p13.3 (TCF3)	Vysis LSI TCF3/PBX1 Dual Color, Dual Fusion Translocation Probe (Fa. Abbott)
onkologische Sonden	19q13.3 (CD37)	CD37/TRAIL Probe (Fa. Cytocell)
onkologische Sonden	20q12 (D20S108,PTPRT)	XL 20q12, 20qter plus Deletionsprobe (Fa. MetaSystems)
onkologische Sonden	20q12 (MAFB)	XL t(14;20) IGH/MAFB Translocation/Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	20qter (RH74808/RH67654)	XL 20q12, 20qter plus Deletionsprobe (Fa. MetaSystems)
onkologische Sonden	21q22 (RUNX1)	Vysis LSI RUNX1/ RUNX1T1 [AML1/ETO] Dual Color, Dual Fusion Translokation Probe (Fa. Abbott)
onkologische Sonden	21q22.1 (RUNX1)	XL t(8;21) Dual Fusion (Fa. Metasystems)
onkologische Sonden	22q11 (IGL) cen	XL IGL Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	22q11 (IGL) tel	XL IGL Break Apart Probe (Fa. MetaSystems)
onkologische Sonden	22q11.2 (BCR)	XL BCR/ABL1 plus Translocation Dual Fusion Probe (Fa. MetaSystems)
onkologische Sonden	22q12 (EWSR) cen	Vysis EWSR1 Break Apart FISH Probe Kit (Fa. Abbott)
onkologische Sonden	22q12 (EWSR) tel	Vysis EWSR1 Break Apart FISH Probe Kit (Fa. Abbott)
Subtelomer Sonden	1pter (CEB108)	1pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	1qter (160H23)	1qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	1qter (D1S3738)	TelVysion 1q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	2pter (VIJyRM2052)	TelVysion 2p SpectrumGreen (Fa. Abbott)
Subtelomer Sonden	2qter (D2S447)	TelVysion 2q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	3pter (dJ1186B18)	3pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	3qter (196F4)	3qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	3qter (D3S4560)	TelVysion 3q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	4pter (36P21)	4pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	4qter (963K6)	4qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	5qter (240G13)	5qter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	5qter (240G13)	5qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	5pter (C84c11/T3)	TelVysion 5p SpectrumGreen (Fa. Abbott)
Subtelomer Sonden	5qter (D5S2907)	TelVysion 5q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	6pter (62I11)	6pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	6qter (57H24)	6qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	7qter (2000a5)	7qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	7pter (VIJyRM2185)	TelVysion 7p SpectrumGreen (Fa. Abbott)
Subtelomer Sonden	8pter (dJ580L5)	8pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	8qter (489D14)	8qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	9pter (43N6)	9pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	9qter (D9S325)	TelVysion 9q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	10pter (306F7)	10pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	10qter (137E24)	10qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	11pter (dJ908H22)	11pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	11pter (D11S2071)	TelVysion 11p SpectrumGreen (Fa. Abbott)
Subtelomer Sonden	11qter (D11S1037)	TelVysion 11q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	12pter (496A11)	12pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	12qter (221K18)	12qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	12qter (VIJyRM2196)	TelVysion 12q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	13qter (D13S327)	TelVysion 13q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	14qter (D14S1420)	TelVysion 14q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	14qter (dJ820M16)	14qter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	15qter (154P1)	15qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	16pter (121I4)	16pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	16qter (240G10)	16qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	16pter (16pTEL05)	TelVysion 16p SpectrumGreen (Fa. Abbott)
Subtelomer Sonden	16qter (16qTEL013)	TelVysion 16q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	17pter (202L17)	17pter grün subtelomere specific probes (Fa. Cytocell)

Subtelomer Sonden	17qter (362K4)	17qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	18pter (74G18)	18pter grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	18qter (VIJyRM2050)	TelVysion 18q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	19pter (129F16/SP6)	TelVysion 19p SpectrumGreen (Fa. Abbott)
Subtelomer Sonden	19qter (D19S238E)	TelVysion 19q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	20qter (81F12)	20qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	20pter (20pTEL18)	TelVysion 20p SpectrumGreen (Fa. Abbott)
Subtelomer Sonden	20qter (20QTEL14)	TelVysion 20q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	21qter (63H24)	21qter rot subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	22qter (MS607)	TelVysion 22q SpectrumOrange (Fa. Abbott)
Subtelomer Sonden	Xpter/Ypter (839D20)	XpYp grün subtelomere specific probes (Fa. Cytocell)
Subtelomer Sonden	Xpter/Ypter (DXYS129/DXYS153)	Vysis TelVysion Xp/Yp SpectrumGreen (Fa. Abbott)
Subtelomer Sonden	Xqter/Yqter (225F6)	XqYq rot subtelomere specific probes (Fa. Cytocell)
Subtelomerscreening Sonden	1pter (CEB108)	Aquarius TeloMark Mix 01 (Fa. Cytocell)
Subtelomerscreening Sonden	1pter (CEB108/T7)	ToTelVysion Probe Kit VIAL 1 (Fa. Abbott)
Subtelomerscreening Sonden	1qter (160H23)	Aquarius TeloMark Mix 01 (Fa. Cytocell)
Subtelomerscreening Sonden	1qter (D1S3738)	ToTelVysion Probe Kit VIAL 1 (Fa. Abbott)
Subtelomerscreening Sonden	2pter (dJ892G20)	Aquarius TeloMark Mix 02 (Fa. Cytocell)
Subtelomerscreening Sonden	2pter (VIJyRM2052)	ToTelVysion Probe Kit VIAL 2 (Fa. Abbott)
Subtelomerscreening Sonden	2qter (D2S447)	ToTelVysion Probe Kit VIAL 2 (Fa. Abbott)
Subtelomerscreening Sonden	2qter (dJ1011O17)	Aquarius TeloMark Mix 02 (Fa. Cytocell)
Subtelomerscreening Sonden	3pter (D3S4559)	ToTelVysion Probe Kit VIAL 3 (Fa. Abbott)
Subtelomerscreening Sonden	3pter (dJ1186B18)	Aquarius TeloMark Mix 03 (Fa. Cytocell)
Subtelomerscreening Sonden	3qter (196F4)	Aquarius TeloMark Mix 03 (Fa. Cytocell)
Subtelomerscreening Sonden	3qter (D3S4560)	ToTelVysion Probe Kit VIAL 3 (Fa. Abbott)
Subtelomerscreening Sonden	4pter (36P21)	Aquarius TeloMark Mix 04 (Fa. Cytocell)
Subtelomerscreening Sonden	4pter (GS10K2/T7; 4p02)	ToTelVysion Probe Kit VIAL 4 (Fa. Abbott)
Subtelomerscreening Sonden	4qter (963K6)	Aquarius TeloMark Mix 04 (Fa. Cytocell)
Subtelomerscreening Sonden	4qter (D4S2930)	ToTelVysion Probe Kit VIAL 4 (Fa. Abbott)
Subtelomerscreening Sonden	5pter (C84c11/T3)	ToTelVysion Probe Kit VIAL 5 (Fa. Abbott)
Subtelomerscreening Sonden	5qter (D5S2907)	ToTelVysion Probe Kit VIAL 5 (Fa. Abbott)
Subtelomerscreening Sonden	6pter (62l11)	Aquarius TeloMark Mix 06 (Fa. Cytocell)
Subtelomerscreening Sonden	6pter (6PTEL48)	ToTelVysion Probe Kit VIAL 6 (Fa. Abbott)
Subtelomerscreening Sonden	6qter (57H24)	Aquarius TeloMark Mix 06 (Fa. Cytocell)
Subtelomerscreening Sonden	6qter (VIJyRM2158)	ToTelVysion Probe Kit VIAL 6 (Fa. Abbott)
Subtelomerscreening Sonden	7pter (VIJyRM2185)	ToTelVysion Probe Kit VIAL 7 (Fa. Abbott)
Subtelomerscreening Sonden	7qter (VIJyRM2000)	ToTelVysion Probe Kit VIAL 7 (Fa. Abbott)
Subtelomerscreening Sonden	8pter (D8S504)	ToTelVysion Probe Kit VIAL 8 (Fa. Abbott)
Subtelomerscreening Sonden	8pter (dJ580L5)	Aquarius TeloMark Mix 08 (Fa. Cytocell)
Subtelomerscreening Sonden	8qter (489D14)	Aquarius TeloMark Mix 08 (Fa. Cytocell)
Subtelomerscreening Sonden	8qter (VIJyRM2053)	ToTelVysion Probe Kit VIAL 8 (Fa. Abbott)
Subtelomerscreening Sonden	9pter (305J7-T7)	ToTelVysion Probe Kit VIAL 9 (Fa. Abbott)
Subtelomerscreening Sonden	9pter (43N6)	Aquarius TeloMark Mix 09 (Fa. Cytocell)
Subtelomerscreening Sonden	9qter (112N13)	Aquarius TeloMark Mix 09 (Fa. Cytocell)
Subtelomerscreening Sonden	9qter (D9S325)	ToTelVysion Probe Kit VIAL 9 (Fa. Abbott)
Subtelomerscreening Sonden	10pter (10pTEL006)	ToTelVysion Probe Kit VIAL 10 (Fa. Abbott)
Subtelomerscreening Sonden	10qter (D10S2290)	ToTelVysion Probe Kit VIAL 10 (Fa. Abbott)
Subtelomerscreening Sonden	11pter (D11S2071)	ToTelVysion Probe Kit VIAL 11 (Fa. Abbott)
Subtelomerscreening Sonden	11qter (D11S1037)	ToTelVysion Probe Kit VIAL 11 (Fa. Abbott)
Subtelomerscreening Sonden	12pter (8M16/SP6)	ToTelVysion Probe Kit VIAL 12 (Fa. Abbott)
Subtelomerscreening Sonden	12qter (VIJyRM2196)	ToTelVysion Probe Kit VIAL 12 (Fa. Abbott)
Subtelomerscreening Sonden	13q14 (RB1)	Aquarius TeloMark Mix 06 (Fa. Cytocell)
Subtelomerscreening Sonden	13q34 (LAMP1)	ToTelVysion Probe Kit VIAL 6 (Fa. Abbott)
Subtelomerscreening Sonden	13qter (163C9)	Aquarius TeloMark Mix 06 (Fa. Cytocell)

Subtelomerscreening Sonden	13qter (D13S327)	ToTelVysion Probe Kit VIAL 6 (Fa. Abbott)
Subtelomerscreening Sonden	14q11.2 (TCR)	ToTelVysion Probe Kit VIAL 7 (Fa. Abbott)
Subtelomerscreening Sonden	14qter (D14S1420)	ToTelVysion Probe Kit VIAL 7 (Fa. Abbott)
Subtelomerscreening Sonden	15q24 (PML)	ToTelVysion Probe Kit VIAL 10 (Fa. Abbott)
Subtelomerscreening Sonden	15qter (D15S936)	ToTelVysion Probe Kit VIAL 10 (Fa. Abbott)
Subtelomerscreening Sonden	16pter (121l4)	Aquarius TeloMark Mix 13 (Fa. Cytocell)
Subtelomerscreening Sonden	16pter (16pTEL05)	ToTelVysion Probe Kit VIAL 13 (Fa. Abbott)
Subtelomerscreening Sonden	16qter (16qTEL013)	ToTelVysion Probe Kit VIAL 13 (Fa. Abbott)
Subtelomerscreening Sonden	16qter (240G10)	Aquarius TeloMark Mix 13 (Fa. Cytocell)
Subtelomerscreening Sonden	17p11.1-q11.1 (D17Z1)	Aquarius TeloMark Mix 08 (Fa. Cytocell)
Subtelomerscreening Sonden	17p11.1-q11.1 (D17Z1)	Aquarius TeloMark Mix 09 (Fa. Cytocell)
Subtelomerscreening Sonden	17p11.1-q11.1 (D17Z1)	ToTelVysion Probe Kit VIAL 8 (Fa. Abbott)
Subtelomerscreening Sonden	17p11.1-q11.1 (D17Z1)	ToTelVysion Probe Kit VIAL 9 (Fa. Abbott)
Subtelomerscreening Sonden	17pter (202L17/2111b1)	Aquarius TeloMark Mix 08 (Fa. Cytocell)
Subtelomerscreening Sonden	17pter (282M16/SP6)	ToTelVysion Probe Kit VIAL 8 (Fa. Abbott)
Subtelomerscreening Sonden	17qter (362K4)	Aquarius TeloMark Mix 09 (Fa. Cytocell)
Subtelomerscreening Sonden	17qter (D17S928)	ToTelVysion Probe Kit VIAL 9 (Fa. Abbott)
Subtelomerscreening Sonden	18p11.1-q11.1 (D18Z1)	ToTelVysion Probe Kit VIAL 11 (Fa. Abbott)
Subtelomerscreening Sonden	18p11.1-q11.1 (D18Z1)	ToTelVysion Probe Kit VIAL 12 (Fa. Abbott)
Subtelomerscreening Sonden	18pter (D18S552)	ToTelVysion Probe Kit VIAL 11 (Fa. Abbott)
Subtelomerscreening Sonden	18qter (VIJyRM2050)	ToTelVysion Probe Kit VIAL 12 (Fa. Abbott)
Subtelomerscreening Sonden	19p13.3 (TCF3)	Aquarius TeloMark Mix 14 (Fa. Cytocell)
Subtelomerscreening Sonden	19p13.3 (TCF3)	ToTelVysion Probe Kit VIAL 14 (Fa. Abbott)
Subtelomerscreening Sonden	19pter (129F16/SP6)	ToTelVysion Probe Kit VIAL 14 (Fa. Abbott)
Subtelomerscreening Sonden	19pter (dJ546C11)	Aquarius TeloMark Mix 14 (Fa. Cytocell)
Subtelomerscreening Sonden	19qter (D19S238E)	ToTelVysion Probe Kit VIAL 14 (Fa. Abbott)
Subtelomerscreening Sonden	19qter (F21283)	Aquarius TeloMark Mix 14 (Fa. Cytocell)
Subtelomerscreening Sonden	20pter (20pTEL18)	ToTelVysion Probe Kit VIAL 15 (Fa. Abbott)
Subtelomerscreening Sonden	19qter (F21283)	Aquarius TeloMark Mix 14 (Fa. Cytocell)
Subtelomerscreening Sonden	20pter (20pTEL18)	ToTelVysion Probe Kit VIAL 15 (Fa. Abbott)
Subtelomerscreening Sonden	20pter (dJ1061L1)	Aquarius TeloMark Mix 15 (Fa. Cytocell)
Subtelomerscreening Sonden	20qter (20QTEL14)	ToTelVysion Probe Kit VIAL 15 (Fa. Abbott)
Subtelomerscreening Sonden	20qter (81F12)	Aquarius TeloMark Mix 15 (Fa. Cytocell)
Subtelomerscreening Sonden	21q22 (AML)	Aquarius TeloMark Mix 04 (Fa. Cytocell)
Subtelomerscreening Sonden	21q22 (AML)	ToTelVysion Probe Kit VIAL 4 (Fa. Abbott)
Subtelomerscreening Sonden	21qter (63H24)	Aquarius TeloMark Mix 04 (Fa. Cytocell)
Subtelomerscreening Sonden	21qter (VIJyRM2029)	ToTelVysion Probe Kit VIAL 4 (Fa. Abbott)
Subtelomerscreening Sonden	22q11.2 (BCR)	Aquarius TeloMark Mix 03 (Fa. Cytocell)
Subtelomerscreening Sonden	22q11.2 (BCR)	ToTelVysion Probe Kit VIAL 3 (Fa. Abbott)
Subtelomerscreening Sonden	22qter (99K24/N85a3)	Aquarius TeloMark Mix 03 (Fa. Cytocell)
Subtelomerscreening Sonden	22qter (MS607)	ToTelVysion Probe Kit VIAL 3 (Fa. Abbott)
Subtelomerscreening Sonden	Xp11.1-q11.1 (DXZ1)	Aquarius TeloMark Mix 01 (Fa. Cytocell)
Subtelomerscreening Sonden	Xp11.1-q11.1 (DXZ1)	Aquarius TeloMark Mix 02 (Fa. Cytocell)
Subtelomerscreening Sonden	Xp11.1-q11.1 (DXZ1)	ToTelVysion Probe Kit VIAL 1 (Fa. Abbott)
Subtelomerscreening Sonden	Xp11.1-q11.1 (DXZ1)	ToTelVysion Probe Kit VIAL 2 (Fa. Abbott)
Subtelomerscreening Sonden	Xpter/Ypter (839D20)	Aquarius TeloMark Mix 01 (Fa. Cytocell)
Subtelomerscreening Sonden	Xpter/Ypter (DXYS129/DXYS153)	ToTelVysion Probe Kit VIAL 1 (Fa. Abbott)
Subtelomerscreening Sonden	Xqter/Yqter (225F6/C8.2/1)	Aquarius TeloMark Mix 02 (Fa. Cytocell)
Subtelomerscreening Sonden	Xqter/Yqter (EST Cdy 16c07 for SYBL1)	ToTelVysion Probe Kit VIAL 2 (Fa. Abbott)
WCP Sonden[1]	pter-qter	XCP 1 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 1 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 2 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 2 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 3 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 3 rot Chromosome Painting Probe (Fa. MetaSystems)

WCP Sonden[1]	pter-qter	XCP 4 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 4 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 5 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 5 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 6 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 6 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 7 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 7 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 8 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 8 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 9 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 9 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 10 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 10 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 11 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 11 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 12 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 12 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 13 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 13 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 14 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 14 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 15 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 15 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 16 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 16 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 17 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 17 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 18 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 18 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 19 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 19 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 20 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 20 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 21 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 21 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 22 grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP 22 rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP X grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP X rot Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP Y grün Chromosome Painting Probe (Fa. MetaSystems)
WCP Sonden[1]	pter-qter	XCP Y rot Chromosome Painting Probe (Fa. MetaSystems)
Zentromer Sonden	1p11.1-q11.1 (D1Z5)	Vysis CEP1 (D1Z5) (Fa. Abbott)
Zentromer Sonden	3p11.1-q11.1 (D3Z1)	SE 3 (D3Z1) (Fa. Kreatech)
Zentromer Sonden	4p11.1-q11.1 (D4Z1)	XCE 4 Orange XCyting Centromere Enumeration Probe (Fa. MetaSystems)
Zentromer Sonden	4p11.1-q11.1 (D4Z1)	Chromosome 4 rot alpha satellite probe (Fa. Cytocell)
Zentromer Sonden	5p11.1-q11.1 (D5Z2)	SE 1/5/19 (D1Z7) (D5Z2) (D19Z3) (Fa. Kreatech)
Zentromer Sonden	6p11.1-q11.1 (D6Z1)	XCE 6 orange (Fa. Metasystems)
Zentromer Sonden	7p11.1-q11.1 (D7Z1)	Vysis CEP 7 (D7Z1) SpectrumOrange Probe (Fa. Abbott)

Zentromer Sonden	7p11.1-q11.1 (D7Z1)	SE 7 (D7Z1) (Fa. Kreatech)
Zentromer Sonden	8p11.1-q11.1 (D8Z2)	Vysis CEP 8 (D8Z2) SpectrumGreen Probe (Fa. Abbott)
Zentromer Sonden	9p11-q11	Vysis CEP 9 (Alpha Satellite) SpectrumOrange Probe (Fa. Abbott)
Zentromer Sonden	12p11.1-q11.1 (D12Z3)	Vysis CEP 12 SpectrumOrange Direct Labeled Fluorescent DNA Probe Kit (Fa. Abbott)
Zentromer Sonden	13p11.1-q11.1 (D13Z1)	SE 13/21 rot (Fa. Kreatech)
Zentromer Sonden	14p11.1-q11.1 (D14Z1)	SE 14/22 grün (Fa. Kreatech)
Zentromer Sonden	2p11.1-q11.1 (D2Z2)	Chromosome 2 rot alpha satellite probe (Fa. Cytocell)
Zentromer Sonden	14p11.1-q11.1 (D14Z1)	Chromosome 14/22 rot alpha satellite probe (Fa. Cytocell)
Zentromer Sonden	14p11.1-q11.1 (D14Z1)	Chromosome 14/22 grün alpha satellite probe (Fa. Cytocell)
Zentromer Sonden	15p11.1-q11.1 (D15Z4)	Chromosome 15 grün alpha satellite Probe (Fa. Cytocell)
Zentromer Sonden	15p11.1-q11.1 (D15Z4)	Chromosome 15 rot alpha satellite Probe (Fa. Cytocell)
Zentromer Sonden	16p11.1-q11.1 (D16Z2)	SE 16 (D16Z2) rot (Fa. Kreatech)
Zentromer Sonden	17p11.1-q11.1 (D17Z1)	Vysis CEP17 grün (D17Z1) (Fa. Abbott)
Zentromer Sonden	18p11.1-q11.1 (D18Z1)	XCE 18 Orange XCyting Centromere Enumeration Probe (Fa. MetaSystems)
Zentromer Sonden	19p11.1-q11.1 (D19Z3)	SE 1/5/19 (D1Z7) (D5Z2) (D19Z3) (Fa. Kreatech)
Zentromer Sonden[1]	20p11.1-q11.1 (D20Z1)	XCE 20 orange (Fa. Metasystems)
Zentromer Sonden	21p11.1-q11.1 (D21Z1)	SE 13/21 rot (Fa. Kreatech)
Zentromer Sonden	22p11.1-q11.1 (D22Z1)	SE 14/22 grün (Fa. Kreatech)
Zentromer Sonden	22p11.1-q11.1 (D22Z1)	Chromosome 14/22 rot alpha satellite probe (Fa. Cytocell)
Zentromer Sonden	22p11.1-q11.1 (D22Z1)	Chromosome 14/22 grün alpha satellite probe (Fa. Cytocell)
Zentromer Sonden	22p11.1-q11.1 (D22Z1)	SE 14/22 rot (Fa. Kreatech)
Zentromer Sonden	Xp11.1-q11.1 (DXZ1)	Chromosome X grün alpha satellite Probe (Fa. Cytocell)
Zentromer Sonden	Xp11.1-q11.1 (DXZ1)	SE X (DXZ1)/SE Y (DYZ3) (Fa. Kreatech)
Zentromer Sonden	Yp11.1-q11.1 (DYZ3)	SE X (DXZ1)/SE Y (DYZ3) (Fa. Kreatech)
Zentromer Sonden	Yp11.1-q11.1 (DYZ3)	SE Y (DYZ3) grün (Fa. Kreatech)
Zentromer Sonden	Yp11.1-q11.1 (DYZ3)	SE Y (DYZ3) rot (Fa. Kreatech)
Zentromer Sonden	Yp11.1-q11.1 (DYZ3)	Chromosome Y grün alpha satellite probe (Fa. Cytocell)
Zentromer Sonden	Yq12 (DYZ1)	SE Y classical Q-Arm rot (Fa. Kreatech)
Zentromer Sonden	Yq12 (DYZ1)	SE Y classical Q-Arm grün (Fa. Kreatech)

[1] ausschließlich auf Metaphasen