



myProbes® Price List - July 2020

myProbes is a custom design and manufacture service that provides unique fluorescence *in situ* hybridisation (FISH) probes using the BAC-2-FISH™ process. Based on your specific interests and research, custom FISH probes may range from a simple catalogue probe modification to a truly unique product.

- myProbes custom FISH probes are supplied in a directly-labelled, liquid format.
- myProbes can be ordered in custom quantities - minimum order of 10 tests. Multiprobe devices - minimum order of 50 devices.
- Probe maps are available upon request. Please send your request to LifeScience@Sysmex-AP.com for more information.
- For RESEARCH USE ONLY (RUO). Not for use in diagnostic procedures.

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| Application | Probe Name | Probe Type |
|-------------|--|-------------------------|
| Haematology | 3c/7c/11c Probe | Enumeration |
| Haematology | 5p/9qhet/15cen | Enumeration |
| Haematology | 5q Deletion in Orange | Deletion |
| Haematology | 6q21(SEC63)/MYB/CCND3 | Amplification/Deletion |
| Haematology | 6q21/6p22.3 | Deletion |
| Haematology | 7c (Green)/9c (Aqua)/11c (Red) Probe | Enumeration |
| Haematology | 7q Deletion Probe in Orange | Deletion |
| Haematology | 11c (Red) Probe/7c (Green)/9c (Aqua) | Enumeration |
| Haematology | 13q14.3 Deletion Probe in Orange | Deletion |
| Haematology | 15q31.1/DMD/Xp21.1 | Translocation |
| Haematology | 20q Deletion Probe in Orange | Deletion |
| Haematology | 20q Deletion with Telomere Control Probe in Orange | Deletion |
| Haematology | ABL1 Breakapart | Breakapart |
| Haematology | ABL2 Breakapart | Breakapart |
| Haematology | ACP5/BLVRB | Enumeration |
| Haematology | AML Breakapart Probe in Orange | Breakapart |
| Haematology | AML type multiprobe | Various |
| Haematology | AML v.3 Panel | Various |
| Haematology | AML1/ETO (RUNX1/RUNX1T1) Translocation Probe in Orange | Translocation |
| Haematology | ARID1A/STAT/ZEB1 | Deletion |
| Haematology | ATF7IP Breakapart | Breakapart |
| Haematology | ATM Deletion Probe | Deletion |
| Haematology | ATM/GLI | Amplification/ Deletion |
| Haematology | BCL6 Breakapart Probe in Orange | Breakapart |
| Haematology | BCL9 Breakapart Probe | Breakapart |
| Haematology | BCR/ABL (ABL1) <i>Plus</i> Probe in Orange | Translocation |
| Haematology | BCR/ABL (ABL1) Translocation Probe in Orange | Translocation |
| Haematology | BCR/ABL1 Dual Fusion Fast Probe | Dual Fusion |
| Haematology | BCR/ABL1 Fast-FISH | Translocation |

| Application | Probe Name | Probe Type |
|-------------|---|-------------------------|
| Haematology | CBFA2T3-GLIS2 inv(16) Dual Fusion | Dual Fusion |
| Haematology | CBFB Breakapart in Orange | Breakapart |
| Haematology | CBFB Breakapart in Red | Breakapart |
| Haematology | CBFB/MYH11 Translocation Probe in Orange | Translocation |
| Haematology | CD37/TRAIL | Deletion |
| Haematology | CHIC2/10c/17c | Enumeration |
| Haematology | AML1/P16/PAX5/TEL | Various |
| Haematology | P16/PAX5/TEL/AML1 | Various |
| Haematology | CKS1B/CDKN2C Amplification/Deletion Probe in Orange | Amplification/ Deletion |
| Haematology | CKS1B/DLEU | Deletion |
| Haematology | PAX5/TEL/AML1/P16 | Various |
| Haematology | cMYC (MYC) Breakapart Probe | Breakapart |
| Haematology | cMYC/8cen | Amplification |
| Haematology | CMYC/D20S108 | Breakapart/Deletion |
| Haematology | CRLF2/P2RY8 Tri-Colour Breakapart/Deletion Probe | Breakapart/Deletion |
| Haematology | CSF1R Breakapart | Breakapart |
| Haematology | CSF1R/5p15.31 | Deletion |
| Haematology | D13S25 Deletion Probe in Orange | Deletion |
| Haematology | D13S25/D13S319/RB1 | Deletion |
| Haematology | D13S319/11cen Deletion Probe | Deletion |
| Haematology | D13S319/13q34 | Deletion |
| Haematology | D13S319/ATM/P53 Probe | Deletion |
| Haematology | D13S319/CTNND2 Probe | Deletion |
| Haematology | D20S108/8cen | Deletion |
| Haematology | Del (5q) Plus Probe | Deletion |
| Haematology | Del (7q) Plus Probe | Deletion |
| Haematology | DLEU2/RB1/12cen | Deletion/ Enumeration |
| Haematology | DLEU7/RB1/12cen | Deletion/ Enumeration |
| Haematology | E2A (TCF3) Breakapart Probe in Orange | Breakapart |

| Application | Probe Name | Probe Type |
|-------------|---|----------------------------|
| Haematology | E2A/HLF Translocation, Dual Fusion Probe | Translocation, Dual Fusion |
| Haematology | EBF1 Breakapart | Breakapart |
| Haematology | EGFR/RELN/D7S486 | Deletion |
| Haematology | EP300 Breakapart Probe | Breakapart |
| Haematology | EPOR Breakapart | Breakapart |
| Haematology | ETV6-MNX1 Dual fusion | Dual Fusion |
| Haematology | EVI1 (MECOM)Breakapart Probe in Orange | Breakapart |
| Haematology | FIP1L1/CHIC2/PDGFR A Deletion Probe in Orange | Deletion |
| Haematology | FIP1L1/PDGFR A/CHIC2 | Deletion |
| Haematology | HLF Breakapart probe | Breakapart |
| Haematology | IGH/CRLF2 Dual Fusion Probe | Dual Fusion |
| Haematology | IGH/MAF v2 Dual Fusion Probe | Dual Fusion |
| Haematology | IGH/MAFB Translocation Probe in Orange | Translocation |
| Haematology | IGH/MYEOV Translocation Probe in Orange | Translocation |
| Haematology | IGK Breakapart Probe in Orange | Breakapart |
| Haematology | IGL Breakapart Probe in Orange | Breakapart |
| Haematology | IKZF1 Breakapart | Breakapart |
| Haematology | JAK2 Breakapart | Breakapart |
| Haematology | KIAA1509 Breakapart | Breakapart |
| Haematology | COL1A1/PDGFB | Dual Fusion |
| Haematology | MECOM/RPN1 | Enumeration |
| Haematology | MEF2D Breakapart | Breakapart |
| Haematology | MLL (KMT2A) Breakapart Probe in Orange | Breakapart |
| Haematology | MLL/MLLT10 Dual fusion | Dual Fusion |
| Haematology | MLL/MLLT3 Breakapart/Dual Fusion Probe | Breakapart/ Dual Fusion |
| Haematology | MLL-AFF1 Breakapart/Dual Fusion Probe | Breakapart/ Dual Fusion |
| Haematology | MLLT10-PICALM Dual Fusion Probe | Dual Fusion |
| Haematology | MM Panel | Various |
| Haematology | MN1 Breakapart | Breakapart |

| Application | Probe Name | Probe Type |
|-------------|---|-------------------------|
| Haematology | DLEU/CKS1B | Deletion |
| Haematology | MYB Deletion Probe in Orange | Deletion |
| Haematology | TRAIL/CD37 | Deletion |
| Haematology | MYB/SEC63 | Deletion/Enumeration |
| Haematology | MYC/SEC63 | Amplification/ Deletion |
| Haematology | RB1/12cen/DLEU2 | Deletion/ Enumeration |
| Haematology | ABL(ABL1)/ BCR <i>Plus</i> Probe in Orange | Translocation |
| Haematology | MYST3 Breakapart probe | Breakapart |
| Haematology | NKX2-1 Breakapart Probe | Breakapart |
| Haematology | NPM1/MLF1 Fusion Probe | Dual Fusion |
| Haematology | NSD1/hTERT | Amplification/ Deletion |
| Haematology | CDKN2C/CKS1B Amplification/Deletion Probe in Orange | Amplification/ Deletion |
| Haematology | NTRK3 Breakapart (Haematology version) | Breakapart |
| Haematology | NUP214 Breakapart | Breakapart |
| Haematology | NUP214/DEK Dual Fusion | Dual Fusion |
| Haematology | NUP98 Breakapart | Breakapart |
| Haematology | NUP98/KDM5A Dual Fusion | Dual Fusion |
| Haematology | NUP98/NSD1 Dual fusion | Dual Fusion |
| Haematology | NUTM1 Breakapart | Breakapart |
| Haematology | P16 (CDKN2A) Deletion Probe | Deletion |
| Haematology | MAFB/IGH Translocation Probe in Orange | Translocation |
| Haematology | P53 (no control) | Deletion |
| Haematology | P53 (TP53) Deletion Probe in Orange | Deletion |
| Haematology | p53 Deletion Probe | Deletion |
| Haematology | p53 Deletion Probe in Orange | Deletion |
| Haematology | P53/9qhet | Deletion/ Enumeration |
| Haematology | P53/CKS1B | Amplification/Deletion |
| Haematology | P53/SNRPN | Deletion |
| Haematology | PAX5 Breakapart | Breakapart |

| Application | Probe Name | Probe Type |
|-------------|---|-------------------------|
| Haematology | MYEOV/IGH Translocation Probe in Orange | Translocation |
| Haematology | PDGFB/COL1A1 | Dual Fusion |
| Haematology | PDGFRA Breakapart | Breakapart |
| Haematology | PICALM-MLLT10 Dual Fusion Probe | Dual Fusion |
| Haematology | CTNND2/D13S319 Probe | Deletion |
| Haematology | PDGFRB Breakapart Probe in Orange | Breakapart |
| Haematology | PDGFRB/KIAA1509 | Dual Fusion |
| Haematology | Ph-like ALL Chromoprobe Mutiprobe | Various |
| Haematology | D7S486/EGFR/RELN | Deletion |
| Haematology | PML/RARA (extended) | Dual Fusion |
| Haematology | PML/RARA Translocation Probe in Orange | Translocation |
| Haematology | PTEN/10cen | Deletion/Amplification |
| Haematology | RELN/D7S486/EGFR | Deletion |
| Haematology | KIAA1509/PDGFRB | Dual Fusion |
| Haematology | AML1/RB1/18c | Various |
| Haematology | RB1/18c/AML1 | Various |
| Haematology | TES/7cen/RELN/ | Deletion |
| Haematology | CHIC2/FIP1L1/PDGFRB | Deletion |
| Haematology | RELN/TES/7cen | Deletion |
| Haematology | PDGFRA/CHIC2/FIP1L1 | Deletion |
| Haematology | SEC63/MYC | Amplification/ Deletion |
| Haematology | GLI/ATM | Amplification/ Deletion |
| Haematology | SNRPN/P53 | Deletion |
| Haematology | SSBP2 Breakapart | Breakapart |
| Haematology | STAT/ZEB1/ARID1A | Deletion |
| Haematology | TCRG Breakapart | Breakapart |
| Haematology | TEL/AML1 (ETV6/RUNX1) Translocation Probe in Orange | Translocation |
| Haematology | TEL/AML1/P16/PAX5 | Various |
| Haematology | ZEB1/ARID1A/STAT | Deletion |

| Application | Probe Name | Probe Type |
|------------------|--|-------------------------|
| Haematology | TET2 Deletion Probe | Deletion |
| Haematology | TET2/USP46 Deletion Probe | Deletion |
| Haematology | D20S108/CMYC | Breakapart/Deletion |
| Haematology | CCND3/6q21(SEC63)/MYB | Amplification/Deletion |
| Haematology | ZNF384 Breakapart | Breakapart |
| Haematology | MYB/CCND3/6q21(SEC63) | Amplification/Deletion |
| Haematology | hTERT/NSD1 | Amplification/ Deletion |
| Haematology | CKS1B/P53 | Amplification/Deletion |
| Haematology | RB1/12cen/DLEU7 | Deletion/ Enumeration |
| Haematology | D13S319/RB1/D13S25 | Deletion |
| Haematology | RB1/D13S25/D13S319 | Deletion |
| Haematology | DEK/NUP214 Dual Fusion | Dual Fusion |
| Haematology | ABL1/BCR Fast-FISH | Translocation |
| Haematology | NSD1/NUP98 Dual fusion | Dual Fusion |
| Haematology | GLIS2 inv(16) - CBFA2T3 Dual Fusion | Dual Fusion |
| Haematology | MNX1/ETV6 Dual fusion | Dual Fusion |
| Haematology | BLVRB/ACP5 | Enumeration |
| Haematology | SEC63/MYB | Deletion/Enumeration |
| Haematology | RPN1/MECOM | Enumeration |
| Haematology | KDM5A/NUP98 Dual Fusion | Dual Fusion |
| Haematology | ABL(ABL1)/BCR Translocation Probe in Orange | Translocation |
| Haematology | AML1/TEL (RUNX1/ETV6) Translocation Probe in Orange | Translocation |
| Haematology | MYH11/CBFB Translocation Probe in Orange | Translocation |
| Haematology | RARA/PML Translocation Probe in Orange | Translocation |
| Haematology | ETO/AML1 (RUNX1T1/RUNX1) Translocation Probe in Orange | Translocation |
| Haematology | CHIC2/FIP1L1/PDGFR A Deletion Probe in Orange | Deletion |
| Haematology | PDGFR A/FIP1L1/CHIC2 Deletion Probe in Orange | Deletion |
| Haematopathology | BCL3/IGH Dual Fusion Probe | Dual Fusion |
| Haematopathology | MALT1/API2 | Dual Fusion |

| Application | Probe Name | Probe Type |
|------------------|--|-------------------------|
| Haematopathology | MALT1/API2 | Dual Fusion |
| Haematopathology | D13S25/P53/ATM/12c | Deletion/ Enumeration |
| Haematopathology | P53/ATM/12c/D13S25 | Deletion/ Enumeration |
| Haematopathology | BCL6/MYC Dual fusion | Dual Fusion |
| Haematopathology | ARSA/SMARCB1 | Deletion |
| Haematopathology | RB1/P53 | Deletion |
| Haematopathology | PVT1/MYC/8c | Amplification |
| Haematopathology | c-KIT/SCFD2 | Amplification |
| Haematopathology | CDKN2A/cMYC/9qh | Amplification |
| Haematopathology | MPO/P53 | Amplification/Deletion |
| Haematopathology | CDK4/12c/MDM2 | Amplification |
| Haematopathology | PAX3/PAX7/FOXO1 Dual Fusion | Dual Fusion |
| Haematopathology | PAX7/PAX3/FOXO1 Dual Fusion | Dual Fusion |
| Haematopathology | P16/RB1/P53/SOX2 | Deletion |
| Haematopathology | RB1/P53/SOX2/P16 | Deletion |
| Haematopathology | SOX2/P16/RB1/P53 | Deletion |
| Haematopathology | FLI1 in Aqua / PAFAH1B2 Breakapart | Breakapart/Deletion |
| Haematopathology | 7q31/7c | Deletion |
| Haematopathology | 10p14 locus Probe | Chromatine Localisation |
| Haematopathology | 11cen in Aqua Spectrum concentrated (Dual Use) | Enumeration |
| Haematopathology | 11q23/11q24/11cen Probe v2 | Amplification/Deletion |
| Haematopathology | 11q23/11q24/11cen Probe | Amplification/Deletion |
| Haematopathology | 18cen in Aqua Spectrum concentrated (Dual Use) | Enumeration |
| Haematopathology | 19q12 in FITC Spectrum | Enumeration |
| Haematopathology | ABL2 Breakapart (Dual Use) | Breakapart |
| Haematopathology | API2 (BIRC3)/MALT1 | Dual Fusion |
| Haematopathology | ATM/11cen | Deletion |
| Haematopathology | ATM/12c/D13S25/P53 | Deletion/ Enumeration |
| Haematopathology | BCL11B/TLX3 Dual Fusion Probe | Dual Fusion |

| Application | Probe Name | Probe Type |
|------------------|--|------------------------|
| Haematopathology | BCL2L10/15cen | Amplification |
| Haematopathology | BRAF Breakapart(Orange)/7cen | Breakapart |
| Haematopathology | BRAF Breakapart(Red)/7cen | Breakapart |
| Haematopathology | BRAF/ KIAA1549 Dual Fusion Probe | Dual Fusion |
| Haematopathology | CCND2 Breakapart/12cen in Blue | Breakapart/Enumeration |
| Haematopathology | cMYC/9qh/CDKN2A | Amplification |
| Haematopathology | CREBBP/MYST3 Dual Fusion Probe | Dual Fusion |
| Haematopathology | D13S25/RB1/13q34 | Breakapart Probe |
| Haematopathology | ETV6 Breakapart | Breakapart |
| Haematopathology | FOXO1/PAX3/PAX7 Dual Fusion | Dual Fusion |
| Haematopathology | GLIS2 Breakapart Probe | Breakapart |
| Haematopathology | IGH Plus Tri-Colour Breakapart Probe | Breakapart |
| Haematopathology | IGH/BCL3 Dual Fusion Probe | Dual Fusion |
| Haematopathology | IGH/BCL6 | Dual Fusion |
| Haematopathology | IGH/CCND1/MAF v2 Dual Fusion Probe | Dual Fusion |
| Haematopathology | IGH/FGFR3 Breakapart/Dual Fusion Probe | Breakapart / Fusion |
| Haematopathology | IGK/cMYC | Dual Fusion |
| Haematopathology | IGL/cMYC | Dual Fusion |
| Haematopathology | MAML2 | Breakapart Probe |
| Haematopathology | MDM2/12cen Amplification Probe | Amplification |
| Haematopathology | MDM2/CDK4/12c | Amplification |
| Haematopathology | MLF1/NPM1 Dual Fusion Probe | Dual Fusion |
| Haematopathology | MLLT10/PICALM Dual Fusion Probe | Dual Fusion |
| Haematopathology | MT/16qhet | Amplification |
| Haematopathology | MYB/6cen | Deletion |
| Haematopathology | MYC/8c/PVT1 | Amplification |
| Haematopathology | MYC/BCL6 Dual fusion | Dual Fusion |
| Haematopathology | NOTCH3/19q12 | Amplification |
| Haematopathology | P53/10c | Deletion |

| Application | Probe Name | Probe Type |
|------------------|-----------------------------------|------------------------|
| Haematopathology | P53/MPO | Amplification/Deletion |
| Haematopathology | P53/RB1 | Deletion |
| Haematopathology | P53/RB1/SOX2/P16 | Deletion |
| Haematopathology | PAFAH1B2 Breakapart/ FLI1 in Aqua | Breakapart/Deletion |
| Haematopathology | PAX5 Breakapart | Breakapart |
| Haematopathology | PDGFRA/4p12 Amplification Probe | Amplification |
| Haematopathology | PRDM1/TNFAIP3/6cen Probe | Deletion |
| Haematopathology | RBM15/MKL1 Dual Fusion Probe | Dual Fusion |
| Haematopathology | SCFD2/c-KIT | Amplification |
| Haematopathology | SMARCB1/ARSA | Deletion |
| Pathology | 1p31/20p12 | Dual Fusion |
| Pathology | 1p36 Probe in Orange | Deletion |
| Pathology | 1p/3p21/3cen Enumeration Probe | Enumeration |
| Pathology | 1qhet in Blue | Enumeration |
| Pathology | 2cen in Blue | Enumeration |
| Pathology | 3cen/8cen/12cen/LAF | Enumeration |
| Pathology | 3p21.3 Deletion Probe | Deletion |
| Pathology | 3p24/13q33 | Dual Fusion |
| Pathology | 6cen in Aqua | Enumeration |
| Pathology | 7cen in Aqua (1 hour FISH) | Enumeration |
| Pathology | 7cen in Blue | Enumeration |
| Pathology | 9cen in Aqua | Enumeration |
| Pathology | 9p24.1/9qhet Amplification Probe | Amplification |
| Pathology | 10cen in Aqua | Enumeration |
| Pathology | 11q13 Amplification Probe | Amplification |
| Pathology | 12p13.3/12cen | Amplification/Deletion |
| Pathology | 14q21/6q13/6q14 | Dual Fusion |
| Pathology | 16q22/Xp11 | Dual Fusion |
| Pathology | 17cen in Blue | Enumeration |

| Application | Probe Name | Probe Type |
|-------------|---|----------------------|
| Pathology | P16/Her2 | Deletion |
| Pathology | ALK/ROS1 | Breakapart/ Deletion |
| Pathology | ARHGEF18/BCAM/BSG | Amplification |
| Pathology | EGFR/P53 | Deletion |
| Pathology | ATF1 Breakapart | Breakapart |
| Pathology | BARTTIN (BSND) | Deletion |
| Pathology | 8cen/12cen/LAF/3cen | Enumeration |
| Pathology | BCL10 Breakapart | Breakapart |
| Pathology | BCOR Breakapart Probe | Breakapart |
| Pathology | BCOR/CCNB3 Dual Fusion Probe | Dual Fusion |
| Pathology | BCR/16qh | Enumeration |
| Pathology | BRAF Breakapart | Breakapart |
| Pathology | BRAF-KIAA1549 Dual fusion probe | Dual Fusion |
| Pathology | BRCA1/17c/17q25.3 Deletion Probe | Deletion |
| Pathology | 12cen/LAF/3cen/8cen | Enumeration |
| Pathology | BSG/NUMBL/MIR-373/MIR-181 | Amplification |
| Pathology | CAPRIN1/11c | Amplification |
| Pathology | LAF/3cen/8cen/12cen | Enumeration |
| Pathology | CCL24/7cen Amplification Probe | Amplification |
| Pathology | CCL25/MBOAT7/TNSF14/19q12 Amplification Probe | Amplification |
| Pathology | CCND1/11c | Amplification |
| Pathology | CCNE1 Amplification Probe | Amplification |
| Pathology | CCNL1/3q29 | Amplification |
| Pathology | NKX3.1/8cen/MYC | Deletion |
| Pathology | CDK4 Amplification (with orange) | Amplification |
| Pathology | CDK4 Amplification (with red) | Amplification |
| Pathology | CDK6 Amplification | Amplification |
| Pathology | CIC Breakapart (with orange) | Breakapart |
| Pathology | CIC Breakapart (with red) | Breakapart |

| Application | Probe Name | Probe Type |
|-------------|---|------------------------|
| Pathology | CIITA Breakapart | Breakapart |
| Pathology | CMYC/20q13.2 | Deletion |
| Pathology | cMYC/3c/hTERC | Amplification |
| Pathology | CSNK2A1/20cen | Amplification |
| Pathology | FAS/10cen/PTEN/WAPAL | Deletion |
| Pathology | WAPAL/FAS/10cen/PTEN | Deletion |
| Pathology | D7S486/EGFR | Amplification/Deletion |
| Pathology | DNMT3A/FAS/CARD11 | Deletion |
| Pathology | DUSP22/IRF4 Breakapart | Breakapart |
| Pathology | EGFR/D7S486 | Amplification/Deletion |
| Pathology | KLK10/MUC16/19c/TGFB1 | Amplification |
| Pathology | ERG Breakapart | Breakapart |
| Pathology | ESR1/6cen | Amplification |
| Pathology | ETV6/NTRK3 Dual fusion | Dual Fusion |
| Pathology | TGFB1/KLK10/MUC16/19c | Amplification |
| Pathology | hTERC/cMYC/3c | Amplification |
| Pathology | FOXP1 Breakapart | Breakapart |
| Pathology | GPR89(Red)/1p36.32(Green) Amplification Probe | Amplification |
| Pathology | HER2/D17S122/17c | Amplification |
| Pathology | Her2/P16 | Deletion |
| Pathology | HEY1/NCOA2/PKIA Dual Fusion | Dual Fusion |
| Pathology | HMGA2 Breakapart Probe | Breakapart |
| Pathology | ASPCR1/PRCC/TFE3 | Dual Fusion |
| Pathology | hTERT Breakapart probe | Breakapart |
| Pathology | IGK/IGL/MYC | Dual Fusion |
| Pathology | JAK2/9qhet | Amplification |
| Pathology | PRCC/TFE3/ASPCR1 | Dual Fusion |
| Pathology | CTNNB1/PLAG1 | Dual Fusion |
| Pathology | MGEA5 Breakapart Probe | Breakapart |

| Application | Probe Name | Probe Type |
|-------------|-------------------------------|--------------------------|
| Pathology | ROS1/ALK | Breakapart/ Deletion |
| Pathology | MMP9/20pter | Amplification |
| Pathology | MUC16/19c/TGFB1/KLK10 | Amplification |
| Pathology | 20p12/1p31 | Dual Fusion |
| Pathology | MYC/NKX3.1/8cen | Deletion |
| Pathology | Xp11/16q22 | Dual Fusion |
| Pathology | NCOR1/17c Deletion Probe | Deletion |
| Pathology | 13q33/3p24 | Dual Fusion |
| Pathology | NR4A3 Breakapart | Breakapart |
| Pathology | NTRK1 Breakapart Probe | Breakapart |
| Pathology | NTRK2 Breakapart Probe | Breakapart |
| Pathology | NTRK3 Breakapart Probe | Breakapart |
| Pathology | D17S122/17c/HER2 | Amplification |
| Pathology | CARD11/DNMT3A/FAS | Deletion |
| Pathology | P15/P16 Deletion | Deletion |
| Pathology | FAS/CARD11/DNMT3A | Deletion |
| Pathology | P53/EGFR | Deletion |
| Pathology | PDCD1LG2/CD274/9qhet (PDL1/2) | Breakapart/Amplification |
| Pathology | PDE6B Amplification Probe | Amplification |
| Pathology | NTRK3/ETV6 Dual fusion | Dual Fusion |
| Pathology | PLAG1 Breakapart | Breakapart |
| Pathology | PLAG1/CTNNB1 | Dual Fusion |
| Pathology | POU5F1 Breakapart | Breakapart |
| Pathology | MIR-181/BSG/NUMBL/MIR-373 | Amplification |
| Pathology | PTEN Breakapart Probe | Breakapart |
| Pathology | PTEN/WAPAL/FAS/10cen | Deletion |
| Pathology | PTK2/8cen | Amplification |
| Pathology | RB1 Breakapart Probe | Breakapart |
| Pathology | REL Amplification | Amplification |

| Application | Probe Name | Probe Type |
|----------------|-------------------------------|--------------------------|
| Pathology | RELA Breakapart Probe | Breakapart |
| Pathology | RET/NTRK1 Breakapart Probe | Breakapart |
| Pathology | RNF169/11c | Amplification |
| Pathology | NUMBL/MIR-373/MIR-181/BSG | Amplification |
| Pathology | SEC63/MYB/CCND3 | Amplification/Deletion |
| Pathology | SETDB1/1qhet | Amplification |
| Pathology | SMAD4/18c Deletion Probe | Deletion |
| Pathology | SOCS1/16qhet | Deletion |
| Pathology | TFE3/ASPSCR1/PRCC | Dual Fusion |
| Pathology | MYC/IGK/IGL | Dual Fusion |
| Pathology | TGFBR3 Breakapart Probe | Breakapart |
| Pathology | TOP1/20pter | Amplification/Deletion |
| Pathology | TP63 Breakapart | Breakapart |
| Pathology | TP63/3cen | Amplification |
| Pathology | USP6 Breakapart | Breakapart |
| Pathology | VHL Deletion | Deletion |
| Pathology | NCOA2/PKIA/HEY1 Dual Fusion | Dual Fusion |
| Pathology | WWTR1 (TAZ) Breakapart | Breakapart |
| Pathology | PKIA/NCOA2/HEY1 Dual Fusion | Dual Fusion |
| Pathology | YAP1 Breakapart Probe | Breakapart |
| Pathology | CD274/PDCD1LG2/9qhet (PDL1/2) | Breakapart/Amplification |
| Pathology | BCAM/ARHGEF18/BSG | Amplification |
| Pathology | BSG/BCAM/ARHGEF18 | Amplification |
| Constitutional | EWSR1/MYH11/PML/RARA | Other |
| Constitutional | MYH11/PML/RARA/EWSR1 | Other |
| Constitutional | RARA/EWSR1/MYH11/PML | Other |
| Constitutional | 7cen in Aqua (1 hour FISH) | Enumeration |
| Constitutional | 11cen in Aqua | Enumeration |
| Constitutional | 15cen in Aqua | Enumeration |

| Application | Probe Name | Probe Type |
|----------------|--|------------------------------|
| Constitutional | 18cen in Aqua | Enumeration |
| Constitutional | 21q22.13 Probe | Translocation/ Enumeration |
| Constitutional | Alagille (JAG1) Probe | Deletion |
| Constitutional | Alagille (JAG1) Probe in Orange | Deletion |
| Constitutional | Angelman (UBE3A/D15S10) Probe in Orange | Deletion |
| Constitutional | CDH | Deletion |
| Constitutional | CHARGE Probe | Deletion |
| Constitutional | CHARGE Probe in Orange | Deletion |
| Constitutional | CKS1B/CDKN2C | Amplification/Deletion Probe |
| Constitutional | Cri-du-Chat/SOTOS Probe in Orange | Deletion |
| Constitutional | Custom CMS-T | Enumeration |
| Constitutional | DiGeorge II (10p14) Probe in Orange | Deletion |
| Constitutional | DiGeorge N25 Probe in Orange | Deletion |
| Constitutional | DiGeorge TBX1 Probe in Orange | Deletion |
| Constitutional | DiGeorge TUPLE1 Probe in Orange | Deletion |
| Constitutional | HER2/17cen (with orange) | Amplification |
| Constitutional | KAL1/STS/Xc | Deletion |
| Constitutional | Kallmann/STS Probe in Orange | Deletion |
| Constitutional | Langer-Giedion Probe | Deletion |
| Constitutional | Langer-Giedion Probe in Orange | Deletion |
| Constitutional | LPT12Q in Blue | Enumeration |
| Constitutional | Monosomy 1p36 Probe | Deletion |
| Constitutional | Neurofibromatosis Type 1 Probe | Deletion |
| Constitutional | Neurofibromatosis Type 1 Probe in Orange | Deletion |
| Constitutional | Pan Centromere | Enumeration |
| Constitutional | PML/RARA/EWSR1/MYH11 | Other |
| Constitutional | Prader-Willi (SNRPN) Probe in Orange | Deletion |
| Constitutional | RB1 in Green | Deletion/Duplication |
| Constitutional | Rubinstein-Taybi Probe | Deletion |

| Application | Probe Name | Probe Type |
|----------------|---|-------------|
| Constitutional | Rubinstein-Taybi Probe in Orange | Deletion |
| Constitutional | Saethre Chotzen/Williams-Beuren Probe in Orange | Deletion |
| Constitutional | SHOX Probe in Orange | Deletion |
| Constitutional | Smith-Magenis (FLII)/Miller-Dieker (LIS1) Probe in Orange | Deletion |
| Constitutional | Smith-Magenis (RAI1)/Miller-Dieker (LIS1) Probe in Orange | Deletion |
| Constitutional | Smith-Magenis/Miller-Dieker (FLI1/LIS1) Probe | Deletion |
| Constitutional | SRY Probe in Orange | Deletion |
| Constitutional | TBX1 in Orange | Deletion |
| Constitutional | TUPLE1(HIRA)/SHANK3 Fast FISH | Deletion |
| Constitutional | TUPLE1/16qhet | Deletion |
| Constitutional | Williams-Beuren Probe in Orange | Deletion |
| Constitutional | Wolf-Hirschhorn Probe in Orange | Deletion |
| Constitutional | XIST Probe | Deletion |
| Constitutional | XIST Probe in Orange | Deletion |
| Constitutional | Ycen in Aqua | Enumeration |
| Constitutional | Yqhet in Aqua | Enumeration |