CytoCell

ogt

A Sysmex Group Company

myProbes Passport (RUO Probes)

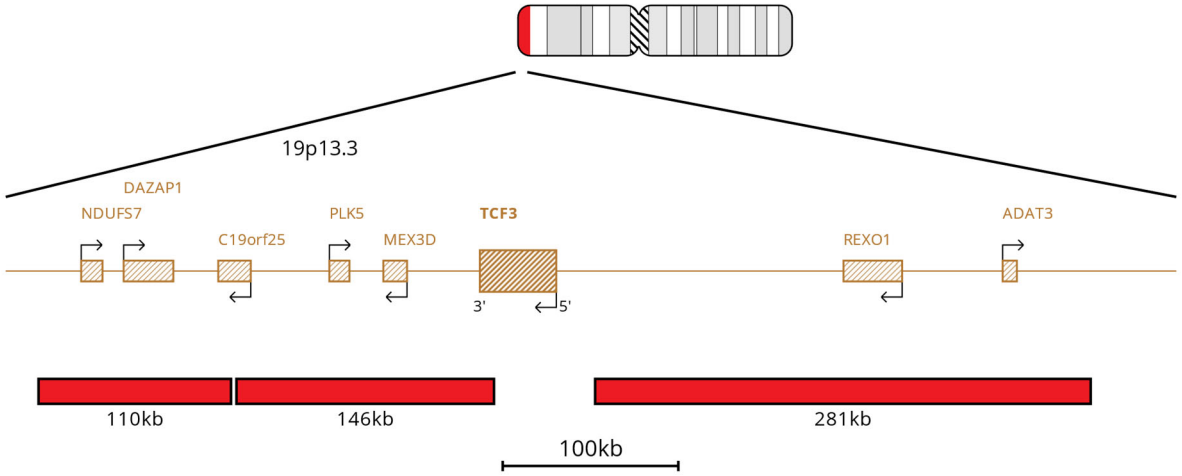
MPH16800	E2A/HLF Translocation, Dual Fusion Probe *For Research Use Only*

Nucleotide Locations (If requesting more than one probe please specify individual probe colours)

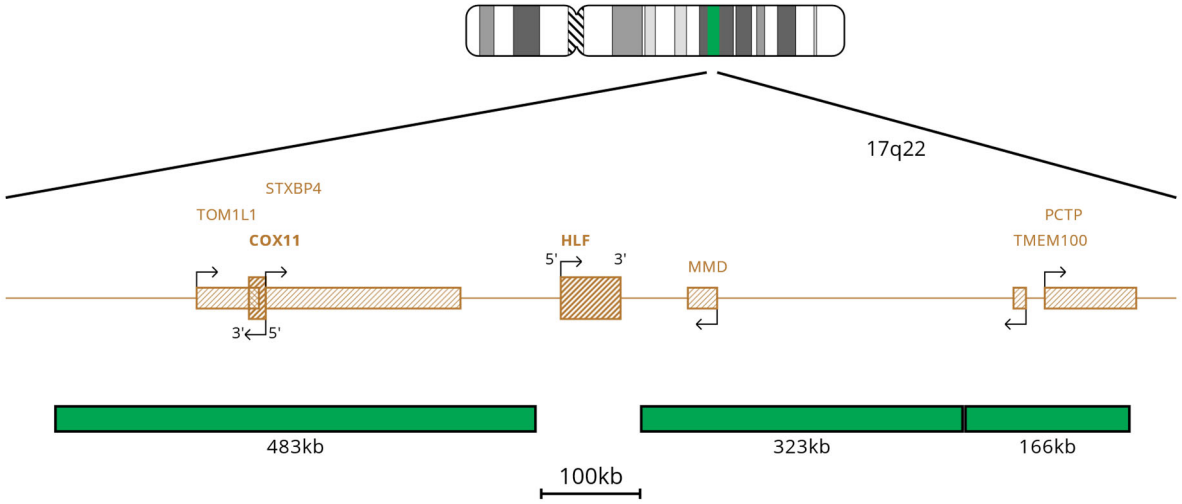
	Chromosome Locus	Start	End	Colour
1	17q22	52835004	529955202	GREEN
2	17q22	52994976	53184150	GREEN
3	17q22	53168428	53317524	GREEN
4	17q22	53423179	53617059	GREEN
5	17q22	53604851	53746524	GREEN
6	17q22	53748718	53914464	GREEN
7	19p13.3	1359372	1469078	RED
8	19p13.3	1471458	1617733	RED
9	19p13.3	1674583	1822704	RED
10	19p13.3	1806203	19955302	RED

Database Used and Version	GRCh37 (hg19)

Probe Map



MPH16800 v001



MPH16800 v001

Materials Provided

1. **Probe:** 100 µl per vial
   The probe is provided pre-mixed in hybridisation solution (Formamide; Dextran Sulphate; SSC) and is ready to use. It is directly labelled with a red fluorophore, which lies in the Texas Red Spectrum and a green fluorophore, which lies in the FITC Spectrum. The probe has been batch released after QC testing on Bone Marrow Sample.

2. **Counterstain:** 150 µl per vial. The counterstain is DAPI antifade (ES: 0.125µg/ml DAPI (4,6-diamidino-2-phenylindole)).

Warnings and Precautions

1. For research use only. Not for use in diagnostic procedures.
2. For laboratory professional use only.
3. Probe mixtures contain formamide, which is a teratogen; do not breathe fumes or allow skin contact. Handle with care; wear gloves and a lab coat.
4. DAPI is a potential carcinogen. Handle with care; wear gloves and a lab coat.
5. Follow local disposal regulations for your location along with recommendations in the Safety Data Sheet to determine the safe disposal of this product. This also applies to damaged test kit contents.
6. Dispose of all used reagents and any other contaminated disposable materials following procedures for infectious or potentially infectious waste. It is the responsibility of each laboratory to handle solid and liquid waste according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.
7. Operators must be capable of distinguishing the colours red, blue, and green.
8. The probe should not be diluted or mixed with other probes.
9. All products should be validated before use.
10. Internal controls should be carried out by using unaffected cell populations in testing samples.
11. Custom probes are specifically developed for individual customers' RESEARCH USE ONLY (RUO) requirements and not with the intention of being used for in vitro diagnostic examination. Therefore, prior to any use of these probes, users should review the design of such probes to confirm they are suitable for their requirements.

Storage and Handling

1. Store the probe between -25ºC to -15ºC.
2. Based on the stability established for other substantially equivalent CytoCell probes, this myProbes product should be stable for 2 years post manufacture date when stored as indicated on the label.
3. Store the probe and counterstain vials in the dark. Ensure that exposure of the probe and counterstain to laboratory lights is limited at all times.

Known Cross-Reactivity

No cross hybridisation observed at QC release on the sample type specified.

Customer Support

Please contact the CytoCell Technical Support Department or email probes@cytocell.com.

Patents and Trademarks

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