

myProbes Passport (RUO Probes)

MPH62910

IGH/FGFR3/MYEOV/MAF Four Colour Dual Fusion Probe
For Research Use Only

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

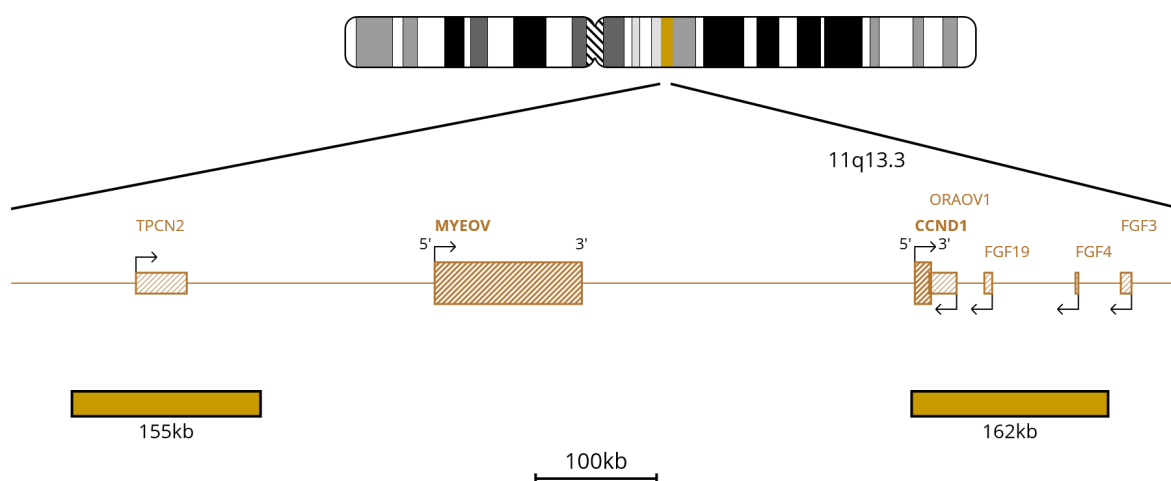
	Chromosome Locus	Start	End	Colour
1	11q13.3	68763794	68919253	Gold
2	11q13.3	69453278	69614786	Gold
3	4p16.3	1627461	1745236	Green
4	4p16.3	2011465	2137099	Green
5	16q23.1	78111496	78278690	Aqua
6	16q23.1	78275867	78520579	Aqua
7	16q23.1	78543049	78691342	Aqua
8	16q23.1	78702557	78847845	Aqua
9	16q23.1	78872851	78963431	Aqua
10	16q23.1	79024699	79140262	Aqua
11	16q23.2	79173244	79367699	Aqua
12	16q23.2	79350834	79545726	Aqua
13	16q23.2	79570216	79681950	Aqua
14	16q23.2	79692448	79811678	Aqua
15	16q23.2	79841502	79966321	Aqua
16	14q32.33	106667209	106820849	Red
17	14q32.33	106782750	106874173	Red
18	14q32.33	106841143	106991527	Red
19	14q32.33	106995077	107135809	Red
20	14q32.33	107077121	107174332	Red

21	14q32.33	107159169	107268435	Red
22	14q32.33	107258048	107284028	Red
23	14q32.33	105787920	105999428	Red
24	14q32.33	105606687	105805171	Red

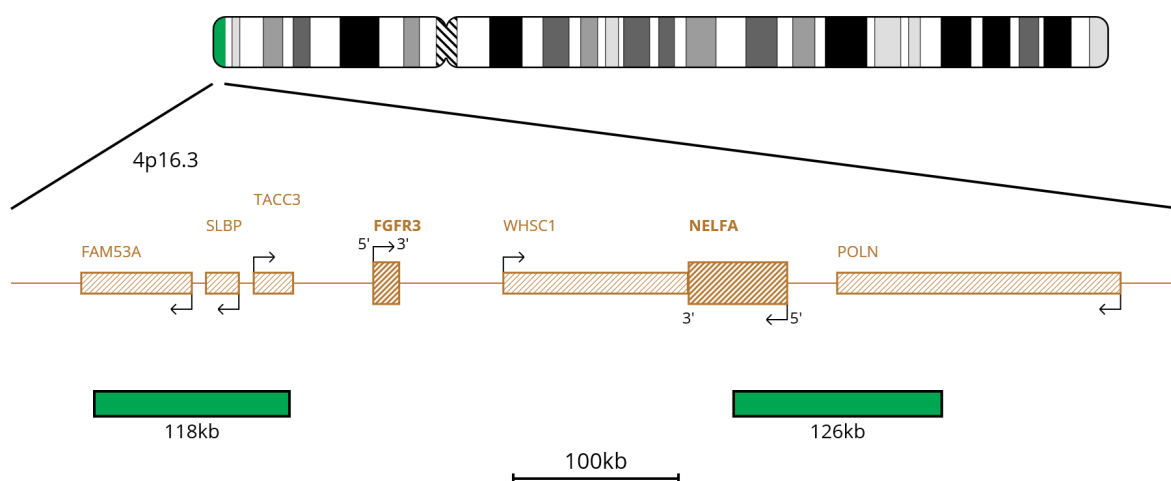
Database Used and Version

GRCh37 (hg19)

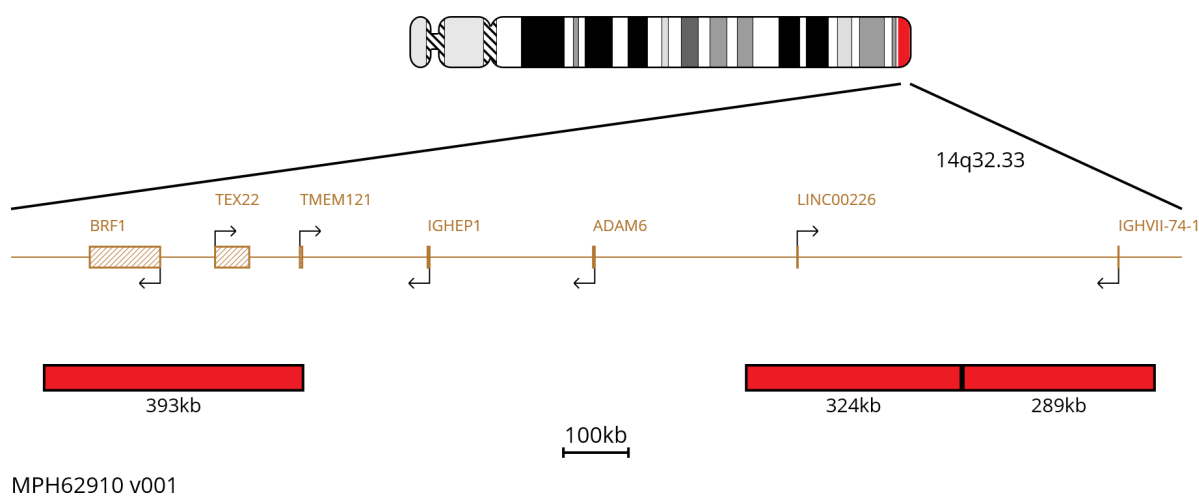
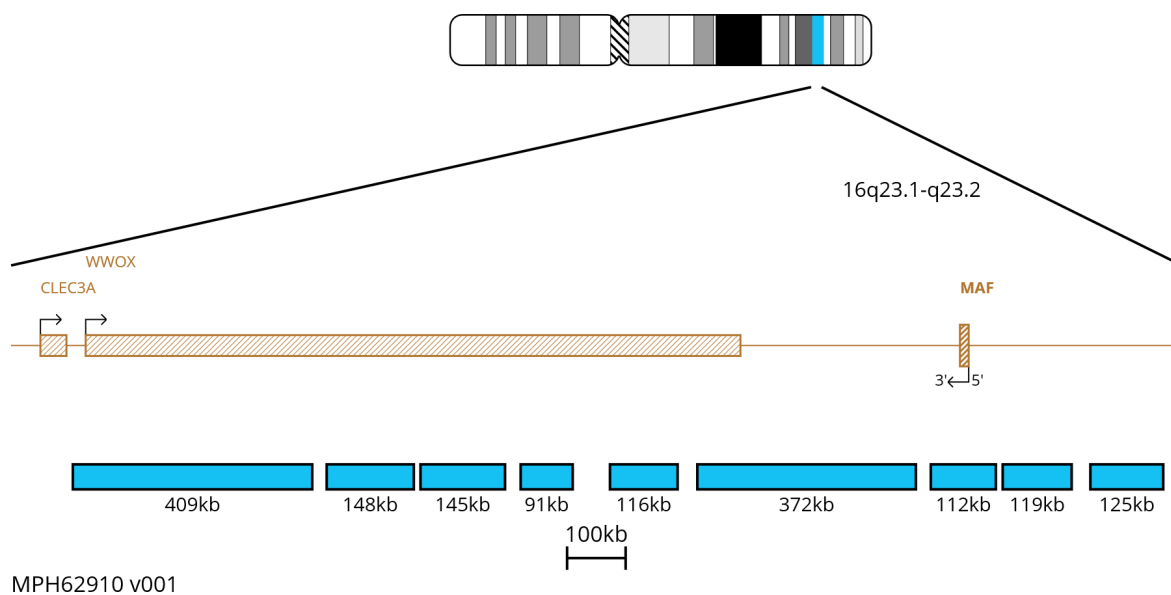
Probe Map



MPH62910 v001



MPH62910 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 red, green, gold, and aqua fluorophores, which lie in the Texas Red, FITC, Gold, and Aqua Spectrums. The probe has been batch released after QC testing on a 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 -25°C to -15°C.
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

Cross hybridisation may be observed at QC release in Texas Red on 15q11.2 and 16p11.3 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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