

## myProbes Passport (RUO Probes)

MPD2710

**MYC/BCL6 Dual Fusion Probe**  
For Research Use Only

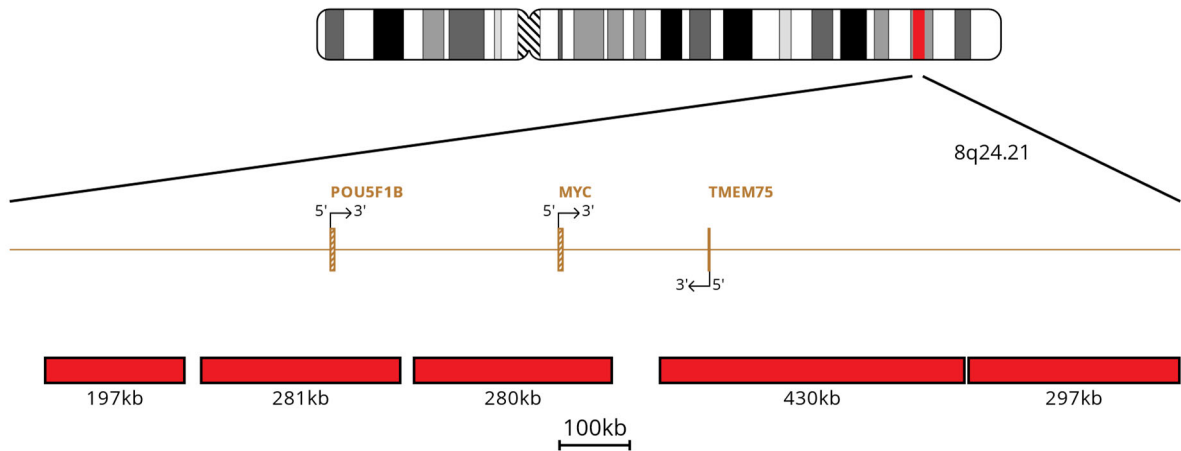
### Nucleotide Locations If requesting more than one probe please specify individual probe colours

	Chromosome Locus	Start	End	Colour
1	8q24.21	128024775	128221732	Red
2	8q24.21	128248316	128421245	Red
3	8q24.21	128403588	128525787	Red
4	8q24.21	128544326	128702885	Red
5	8q24.21	128690817	128824097	Red
6	8q24.21	128890737	129017460	Red
7	8q24.21	128988995	129159772	Red
8	8q24.21	129133378	129319742	Red
9	8q24.21	129325404	129501508	Red
10	8q24.21	129473930	129622485	Red
11	3q27.3	186774745	186969133	Green
12	3q27.3	186946852	187140460	Green
13	3q27.3	187211778	187376422	Green
14	3q27.3	187446099	187594575	Green
15	3q27.3	187624268	187753558	Green
16	3q27.3-q28	187816249	187986138	Green
17	3q28	187955704	188080997	Green
18	3q28	188085360	188277464	Green

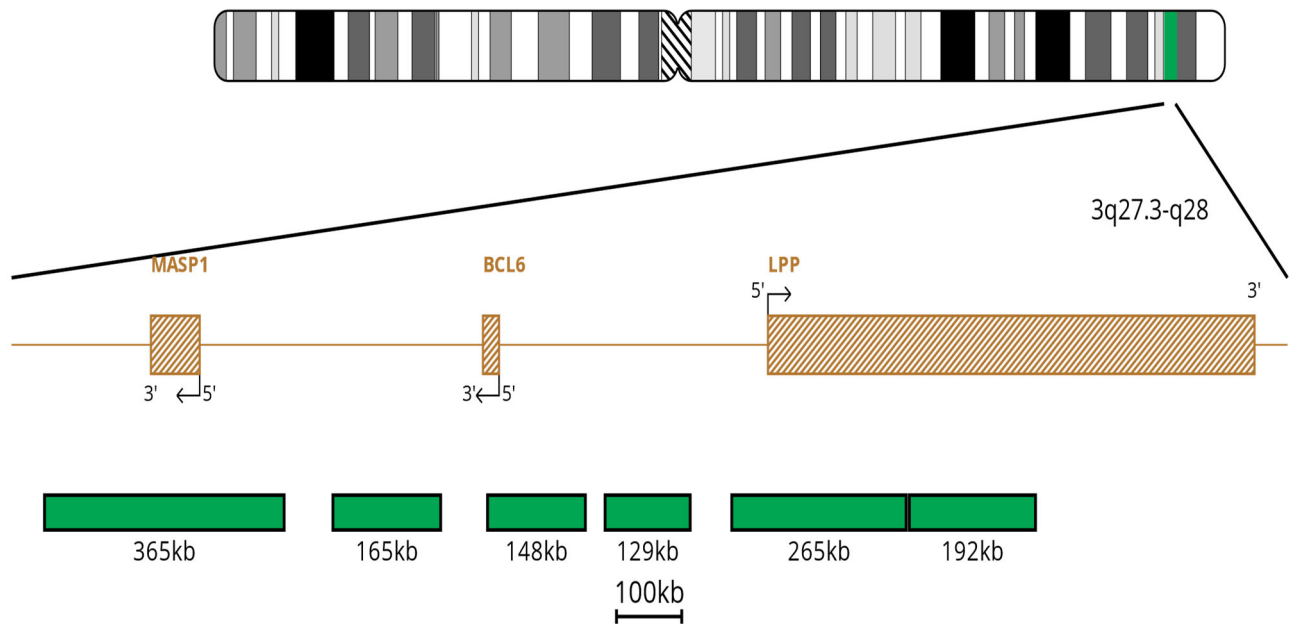
**Database used and Version**

GRCh37 (hg19)

## Probe Map



MPD2710 v001



MPD2710 v001

## Materials Provided

- 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 Formalin Fixed Paraffin Embedded Sample and Bone Marrow Sample.
- 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

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](mailto:probes@cytoCELL.com).

## Patents and Trademarks

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