

## myProbes Passport (RUO Probes)

<b>MPP50080</b>	<b>1p36/1q25 and 19q13/19p13 Deletion in Orange Spectrum Probe</b> <i>For Research Use Only</i>
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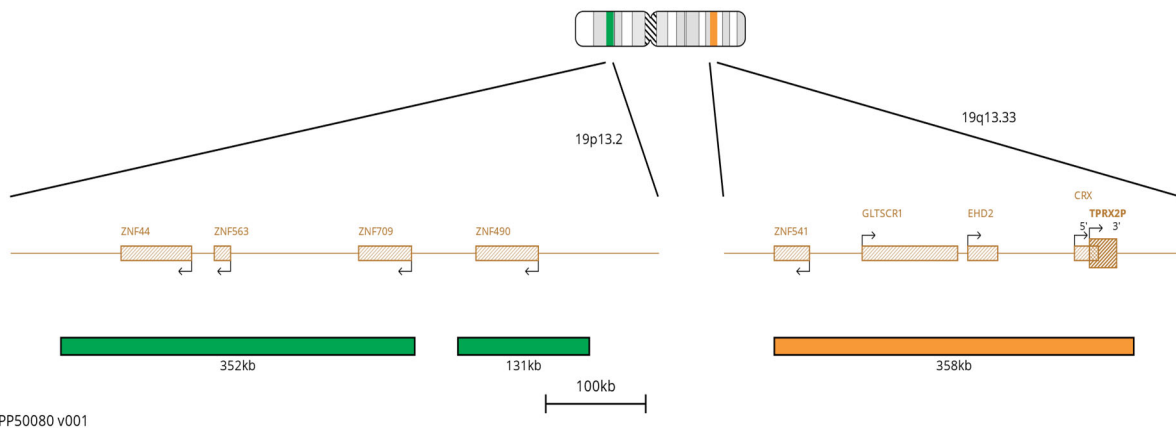
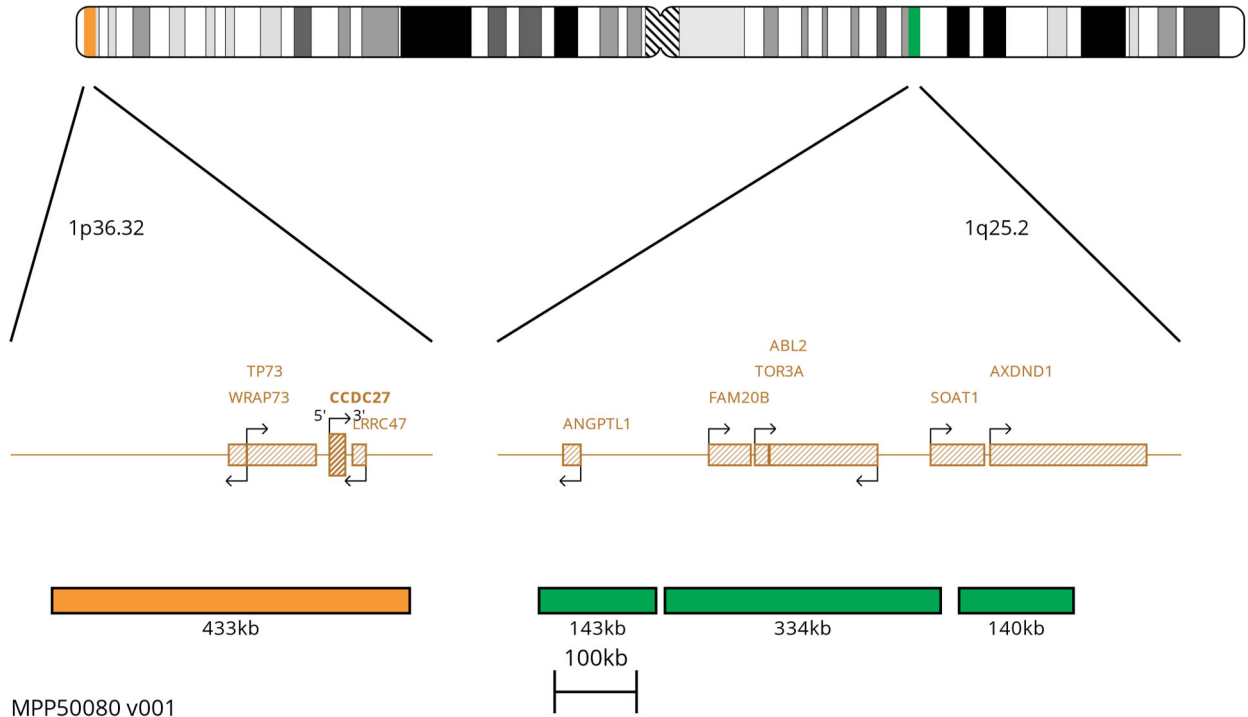
**Nucleotide Locations** (If requesting more than one probe please specify individual probe colours)

	<b>Chromosome Locus</b>	<b>Start</b>	<b>End</b>	<b>Colour</b>
1	1p36	3333831	3558279	Orange
2	1p36	3520181	3680328	Orange
3	1p36	3657452	3766452	Orange
4	19q13	48024008	48206481	Orange
5	19q13	48204721	48382108	Orange
6	1q25	178789800	178932654	Green
7	1q25	178941953	179042675	Green
8	1q25	179035756	179147051	Green
9	1q25	179139467	179275905	Green
10	1q25	179297353	179437084	Green
11	19p13	12275658	12447746	Green
12	19p13	12437893	12627854	Green
13	19p13	12670834	12801742	Green

Database Used and Version

GRCh37 (hg19)

## Probe Map



## 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 an orange fluorophore, which lies in the Orange 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.
- 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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