

# Tapestri Single-cell DNA Myeloproliferative Neoplasms Published Panel

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**Publication: Thompson, E.R. et al. *Haematologica* (2020)**

Designed by leading researchers in hematologic oncology, Tapestri Single-cell DNA Published Panels have been featured in a peer-reviewed publication and verified for performance. Advance your understanding of the genetic heterogeneity underpinning myeloproliferative neoplasms (MPN) by targeting **18 genes with 70 amplicons** for single-cell sequencing. The MPN Published Panel is designed to target the most commonly mutated hotspots involved in MPN.

## PANEL SPECIFICATIONS

Metric	Value
Number of genes	18
Target type possible	SNVs, CNVs, Indels, LOH
Number of amplicons	70
Amplicon length	175-275 bp
Panel uniformity: % of amplicons >0.2x mean	≥80%
Amplicon completeness: % of amplicons in >80% of cells	≥80%
Cell completeness: % of cells with >80% amplicons above 10 reads	≥80%
Recommended number of reads per sample	~30M

### LEARN MORE

[designer.missionbio.com/catalogpanels/MPN-PeterMac](https://designer.missionbio.com/catalogpanels/MPN-PeterMac)

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## 18-GENE MYELOPROLIFERATIVE NEOPLASMS PUBLISHED PANEL

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ASXL1	BAX	BCL2L1	CALR	DNMT3A	MCL1	MYD88	PLCG2	TP53
BAK1	BCL2	BTK	CXCR4	JAK2	MPL	PIGA	SF3B1	U2AF1

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