

Tapestri Single-cell DNA Glioma Research Panel

Advance your understanding of the genetic heterogeneity underpinning glioma by targeting **10 hotspot genes** and **6 copy number variants and chromosome arm aneuploidies** for single-cell sequencing. Carefully curated based on evidence from more than 15 databases such as COSMIC and reviewed by leading researchers of glioma, this virtual panel is designed to cover some of the most commonly mutated genes associated with glioma, including *IDH1* and *IDH2*.

Panel Specifications

Metric	Value
Number of targets	16
Target type possible	SNVs, CNVs, Indels, LOH
Number of amplicons	232
Amplicon length	175-275 bp
Panel size	48 kb
% of amplicons with high GC Content	10.3 %

10-HOTSPOT GENES

ATRX	CIC	IDH1	PIK3R1	RBI
BRAF	EGFR	IDH2	PTEN	TP53

6-COPY NUMBER VARIANTS

1p	7p	7q	10q	19q	MDM2/CDK4
----	----	----	-----	-----	-----------

LEARN MORE

<https://designer.missionbio.com/catalogpanels/glioma/>
+1 (415) 854-0058 | info@missionbio.com

For Research Use Only. Not for use in diagnostic procedures.
© 2023 Mission Bio, Inc. All rights reserved.
DataSheet_MissionBio_Tapestri Single-cell_DNA_Glioma_Research_Panel_RevD