



## The Caris Difference – Reflex Testing Menu

Comprehensive tumor profiling from Caris Life Sciences® assesses DNA, RNA and Proteins with multiple technologies (NGS DNA/WTS RNA, PyroSeq, IHC, ISH) to reveal a more complete molecular blueprint to guide precise and individualized treatment decisions. This comprehensive approach provides multiple reflex options to alternative technologies/methods in order to better optimize limited tissue samples and provide critical results. The information below details reflex testing for Caris Molecular Intelligence® tumor profiling.

Reflex Test (Biomarkers & Platform)	Tumor Types				
	All Tumor Types	Colorectal & Small Intestinal	Head & Neck	Non-Small Cell Lung	Breast
<b>Fragment Analysis (DNA)</b>					
MSI by Fragment Analysis when MSI by NGS and MMR IHC are discordant	✓				
<b>Chromogenic <i>in situ</i> Hybridization</b>					
HER2 CISH when HER2 CNA is amplified	✓				
HER2 CISH when HER2 IHC is equivocal		✓			✓
HPV CISH to confirm p16 IHC			✓		
<b>Immunohistochemistry</b>					
BRAF V600E IHC when BRAF by NGS is QNS/Indeterminate	✓				
EGFR L858R and EGFR ex19del IHCs when EGFR by NGS is QNS/Indeterminate				✓	
ROS1 IHC when ROS1 Fusion Analysis by WTS is QNS/Indeterminate				✓	
TRK A/B/C IHC when NTRK 1, 2, and/or 3 Fusion Analysis by WTS is QNS/Indeterminate	✓				
<b>Genomic Signatures (DNA)</b>					
MI GPSai™ (Genomic Prevalence Score) for atypical cases presentation or clinical ambiguity	✓				

Tests vary by tumor type and tissue sample quality and quantity. Before ordering testing services, please refer to the profile menu online ([www.CarisMolecularIntelligence.com/profiling-menu](http://www.CarisMolecularIntelligence.com/profiling-menu)) to view the most up-to-date listing of biomarkers that will be performed.

**MMR:** Mismatch Repair proteins: MLH1, MSH2, MSH6, PMS2

**MSI:** Microsatellite Instability (DNA)

**NGS:** Next-Generation Sequencing (DNA)

**WTS:** Whole Transcriptome Sequencing (RNA)

**CNA:** Copy Number Alteration (DNA)

To order or learn more, visit [www.CarisMolecularIntelligence.com](http://www.CarisMolecularIntelligence.com).

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