



## The Caris Difference – Reflex Testing Menu

Comprehensive tumor profiling from Caris Life Sciences® assesses DNA, RNA and Proteins with multiple technologies including Next-Generation Sequencing (Whole Exome Sequencing for DNA), (Whole Transcriptome Sequencing for RNA), PyroSeq, IHC and 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
Fragment Analysis (DNA)					
MSI by Fragment Analysis when MSI by WES and MMR IHC are discordant	✓				
Chromogenic <i>in situ</i> Hybridization					
HER2 CISH when HER2 CNA* is amplified	✓				
HER2 CISH when HER2 IHC is equivocal		✓			✓
HPV CISH to confirm p16 IHC			✓		
Immunohistochemistry					
BRAF V600E IHC when BRAF by WES is QNS/Indeterminate	✓				
EGFR L858R and EGFR ex19del IHCs when EGFR by WES 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 (excludes glioma)	✓				
Genomic Signatures (DNA)					
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)

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

**WES:** Whole Exome Sequencing (DNA)

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

\* Not available in New York State.

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

US: 888.979.8669 | [CustomerSupport@CarisLS.com](mailto:CustomerSupport@CarisLS.com)

Intl: 00 41 21 533 53 00 | [InternationalSupport@CarisLS.com](mailto:InternationalSupport@CarisLS.com)