The true value in methylation array technology lies in the ability to define CNS tumors molecularly, rather than histologically.

- Matija Snuderl, MD


References

A comprehensive, microarray technology-based classifier that provides a molecular profile of CNS tumors

>75,000-tumor cohort data by genome-wide DNA methylation array used to train the tumor classifier

"may be the most effective way to characterize some tumors with unusual morphological features"

"may be the only current way to identify some rare tumor types and subtypes"

Tumor classification: Reliable tumor classification rate >99% with methylation profiling

CNV analysis: Independent from methylation classifier, which can contribute to final interpretation

MGMT promoter methylation status: Guidelines recommend for specific CNS tumor subtypes

Want to learn more about profiling CNS tumors?


One sample, one assay, one comprehensive report
For objective classification using DNA methylation profiling by array

Enabling next-generation neuropathology

DNA Methylation Profiling
An Epigenetic Approach to Classifying Brain Tumors

Reports 3 critical pieces of information in a single report:

- One sample, one assay, one comprehensive report for objective classification using DNA methylation profiling by array
- A comprehensive, microarray technology-based classifier that provides a molecular profile of CNS tumors
- >75,000-tumor cohort data by genome-wide DNA methylation array used to train the tumor classifier
- "may be the most effective way to characterize some tumors with unusual morphological features"
- "may be the only current way to identify some rare tumor types and subtypes"

References: