

# Methylation profiling report

## Supplier information

Sample identifier: **sampleName1540720713**  
Sentrix ID: **202273260119\_R07C01**  
Material type: **KRYO DNA**  
Gender: **NA**  
Supplier diagnosis: **-**

Automatic prediction		
Array type:	EPIC	
Material type:	KRYO DNA	✓
Gender:	male	!
Legend: ✓ OK   ! Supplier information or prediction not available   ✗ Warning, mismatch of prediction and supplier information		

## Brain tumor methylation classifier results (v11b4)

### Methylation classes (MCs with score >= 0.3)

Calibrated score Interpretation

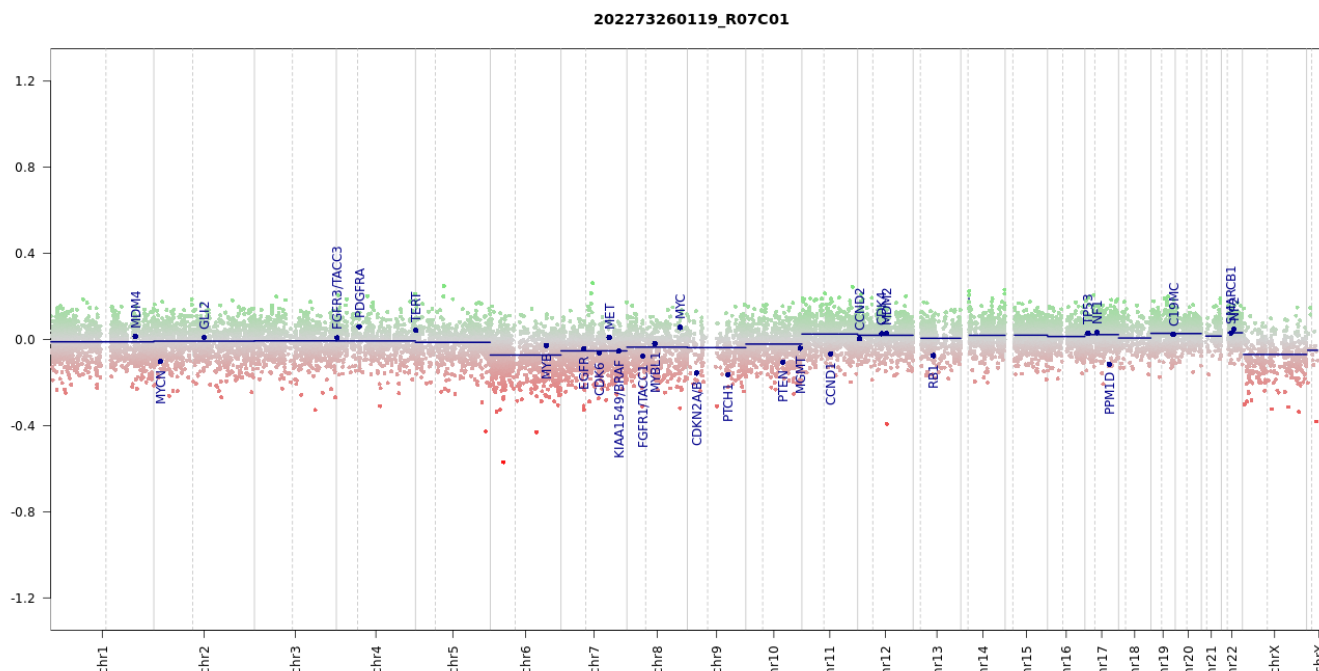
methylation class control tissue, cerebellar hemisphere	0.53	no match	✗
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Legend: ✓ Match (score >= 0.9) ✗ No match (score < 0.9): possibly still relevant for low tumor content and low DNA quality cases. ● Match to MC family member (score >= 0.5)

## Class descriptions

**Methylation class control tissue, cerebellar hemisphere:** The methylation class "control tissue, cerebellar hemisphere" is comprised of normal tissue samples from this specific anatomic structure. In case tumor samples display this molecular pattern, it is typically an indication of low tumor cell content in the analyzed material and indicates that the extracted DNA is likely not suitable for classification by methylation profiling.

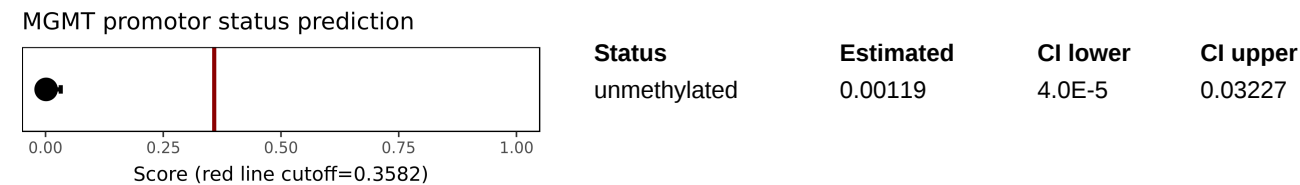
## Copy number variation profile



Depiction of chromosome 1 to 22 (and X/Y if automatic prediction was successful). Gains/amplifications represent positive, losses negative deviations from the baseline. 29 brain tumor relevant gene regions are highlighted for easier assessment.

(see Hovestadt & Zapatka, <http://www.bioconductor.org/packages/devel/bioc/html/conumee.html>)

# MGMT promotor methylation (MGMT-STP27)



(see Bady et al, J Mol Diagn 2016; 18(3):350-61)

## Disclaimer

Classification using methylation profiling is a research tool under development, it is not verified and has not been clinically validated. Implementation of the results in a clinical setting is in the sole responsibility of the treating physician. Intended for non-commercial use only.

## Run information

Report: idat\_reportBrain\_v11b4\_sample Version 2.0  
Task version:

Task	Version
idat_qc	2.0
idat_predictBrain	2.1
idat_rs_gender	2.0
idat_predictMGMT	2.0
idat_cnvp	3.0
idat_reportBrain_v11b4	2.0