

# Methylation profiling report



GERMAN  
CANCER RESEARCH CENTER  
IN THE HELMHOLTZ ASSOCIATION



Heidelberg University Hospital



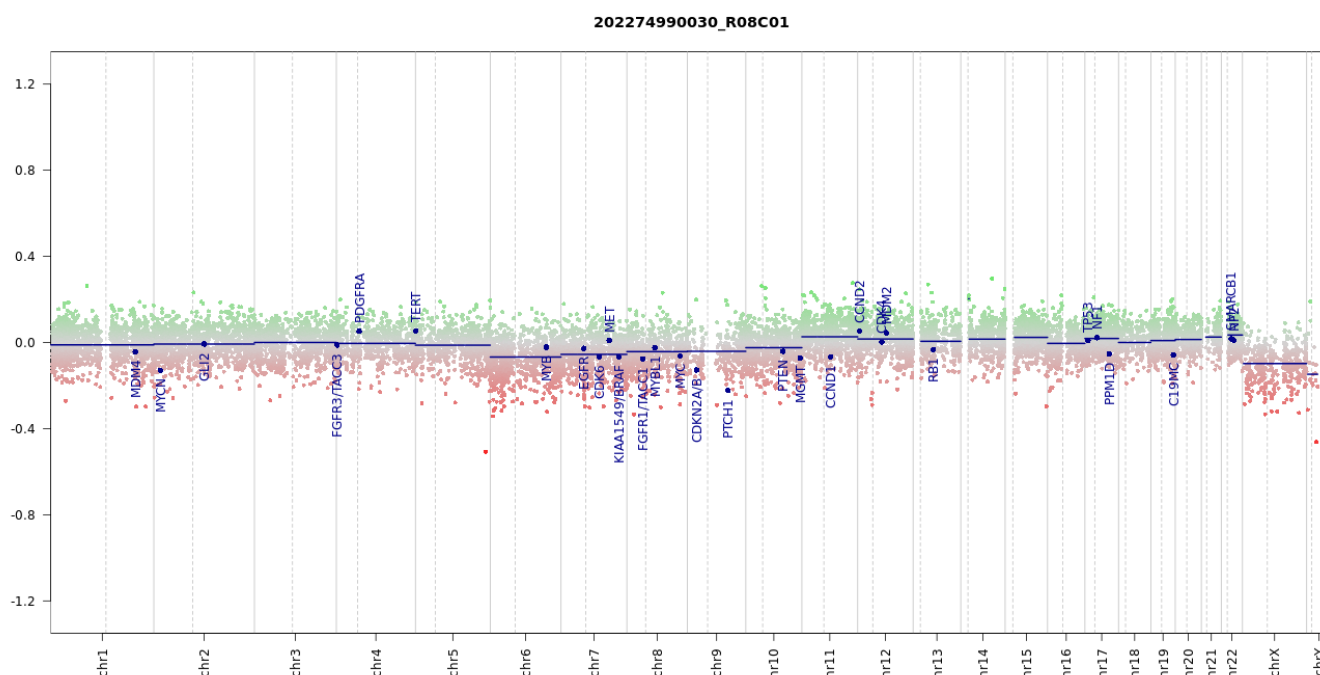
MolecularNeuropathology.org

## General information

Sentrix ID: 202274990030\_R08C01  
Array type: EPIC  
Material type: KRYO DNA  
Gender: male

**Brain tumor methylation classifier results (v11b4) - No matching methylation classes with calibrated score  $\geq 0.3$**

## Copy number variation profile

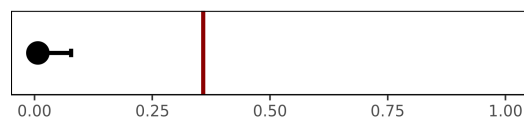


Depiction of chromosome 1 to 22 (and X/Y if automatic prediction was successful). Gains/amplifications represent positive, losses negative deviations from the baseline. 29 brain tumor relevant gene regions are highlighted for easier assessment.

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

## MGMT promotor methylation (MGMT-STP27)

MGMT promotor status prediction



Score (red line cutoff=0.3582)

Status  
unmethylated

Estimated  
0.00702

CI lower  
5.9E-4

CI upper  
0.07767

(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 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