# Methylation profiling report

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## Supplier information

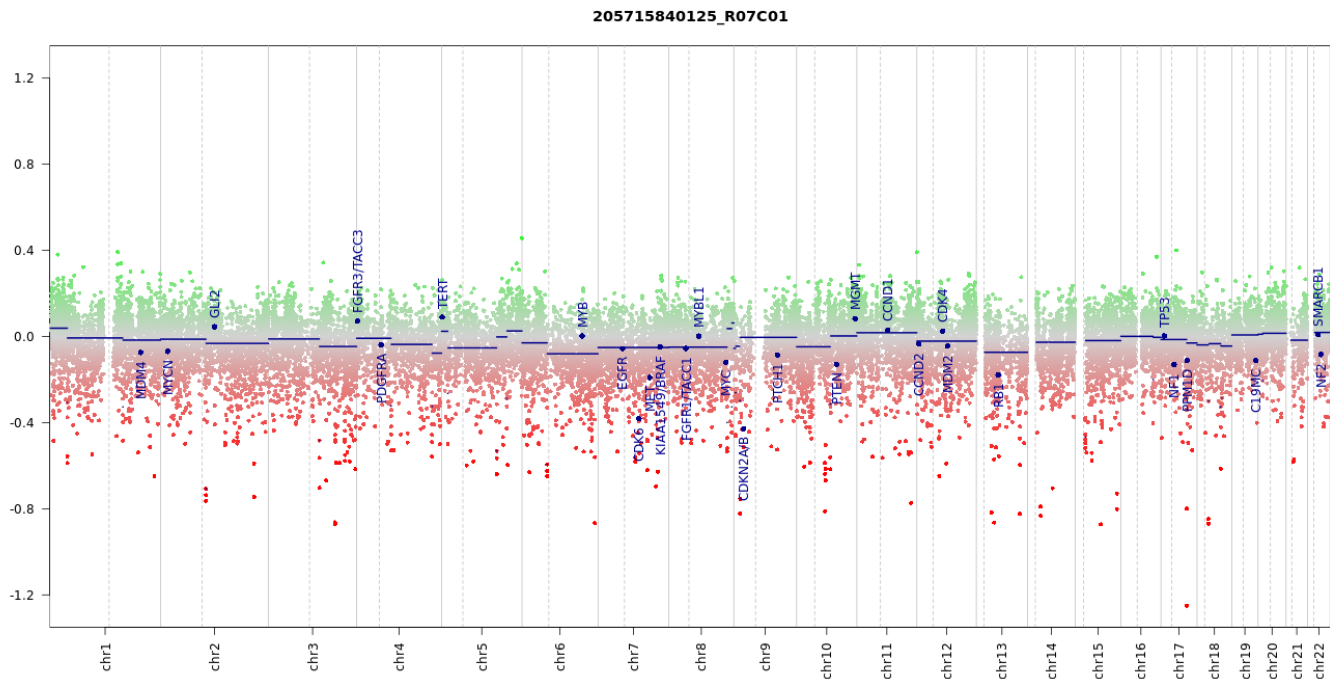| | | Automatic prediction | | |
|---|---|---|---|---|
| Sample identifier: | GCGR-NS17ST_A-CDKN2AB-GFP-LUC | | | |
| Sentrix ID: | 205715840125_R07C01 | Array type: | EPIC | |
| Material type: | DNA-KRYO | Material type: | DNA-KRYO | ✔ |
| Gender: | NA | Gender: | female | 🟨 |
| Supplier diagnosis: | GBM | Legend: ✔ Ok | 🟨 Supplier information or prediction not available | ✖ Warning, missmatch of prediction and supplier information |

## Brain tumor classifier results (11b4)

Not classifiable. No score is greater 0.3

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)
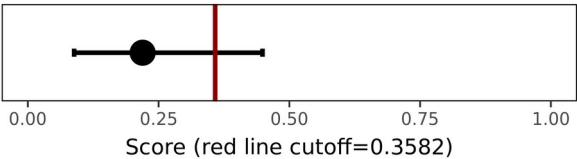
## Class descriptions

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# Copy number variation profile



205715840125_R07C01

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 | Estimated | CI lower | CI upper |
|---|---|---|---|
| unmethylated | 0.21949 | 0.08855 | 0.44873 |

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

## Disclaimer

Classification using methylation profiling is a tool/website for research use only, it is not verified and has not been clinically validated and, therefore, must not be used for diagnostic purposes. This tool/website is not HIPAA compliant.

## Run information

**Report:** report_website_mnp_brain_v11b4_sample (Version 2.1)

## Task version:

| Task | Version |
|---|---|
| idat_preprocess | 2.0.1 |
| idat_qc | 2.0.1 |
| idat_predictBrain | 2.0.1 |
| idat_rs_gender | 2.0.1 |
| idat_cnvp | 3.0.1 |
| idat_mgmt | 2.0.1 |
| report_website_mnp_brain_v11b4_research | 2.1 |
| report_website_mnp_brain_v11b4_sample | 2.1 |
| idat_predictBrain | 12.5 |