Methylation profiling report

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MolecularNeuropathology.org

Supplier information

Sample identifier:	GCGR-NS12ST_A-PTEN-EGFRvII-GFP-LUC			

Automatic prediction		
Array type:	EPIC	
Material type:	DNA-KRYO	✔
Gender:	male	🟨

Sentrix ID:	205715840125_R01C01
Material type:	DNA-KRYO
Gender:	NA
Supplier diagnosis:	GBM

Legend: ✔ Ok 🟨 Supplier information or prediction not available ✖ Warning, missmatch of prediction and supplier information
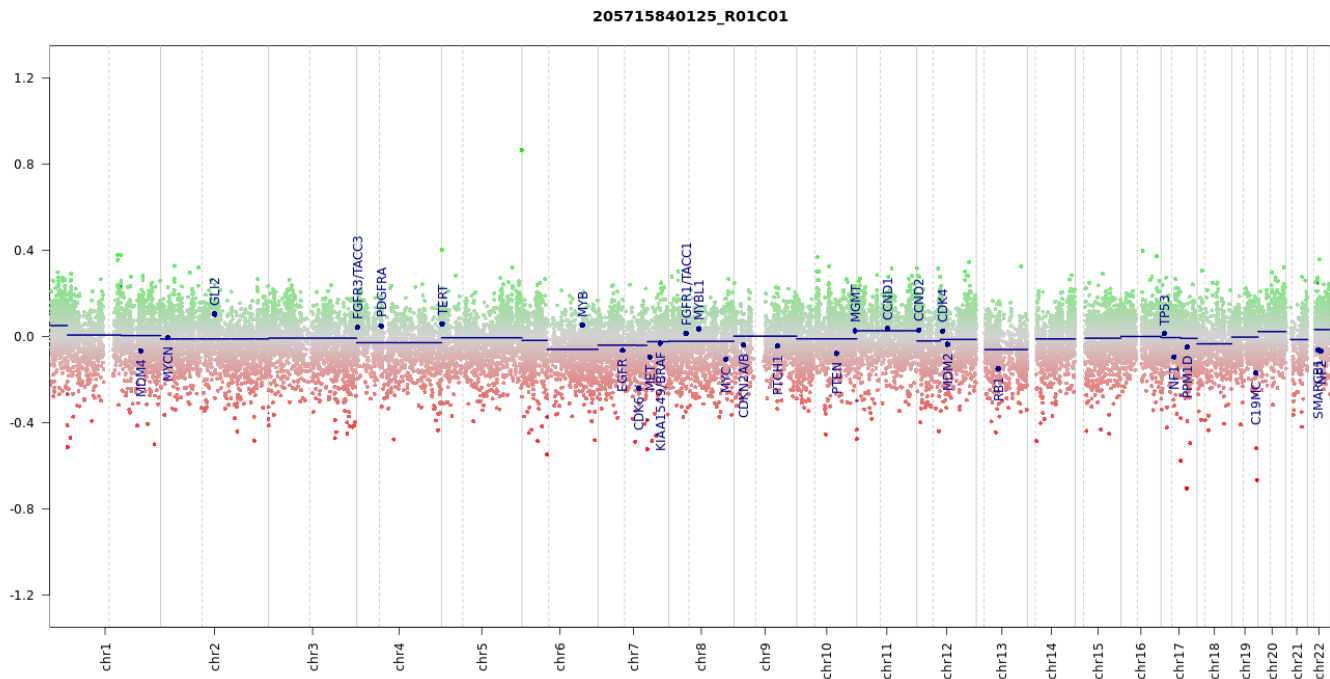
Brain tumor classifier results (11b4)

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)
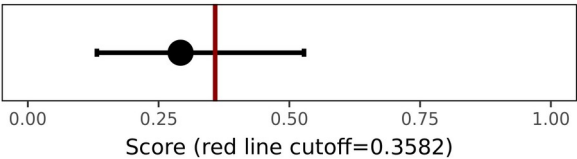
Class descriptions

Copy number variation profile

205715840125_R01C01

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	0.29204	0.13200	0.52806

(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