Online Resource 2. Supplementary figures

Article: DNA methylation profiling classifies lateral ventricular neurocytomas with lipidized cells as central neurocytoma

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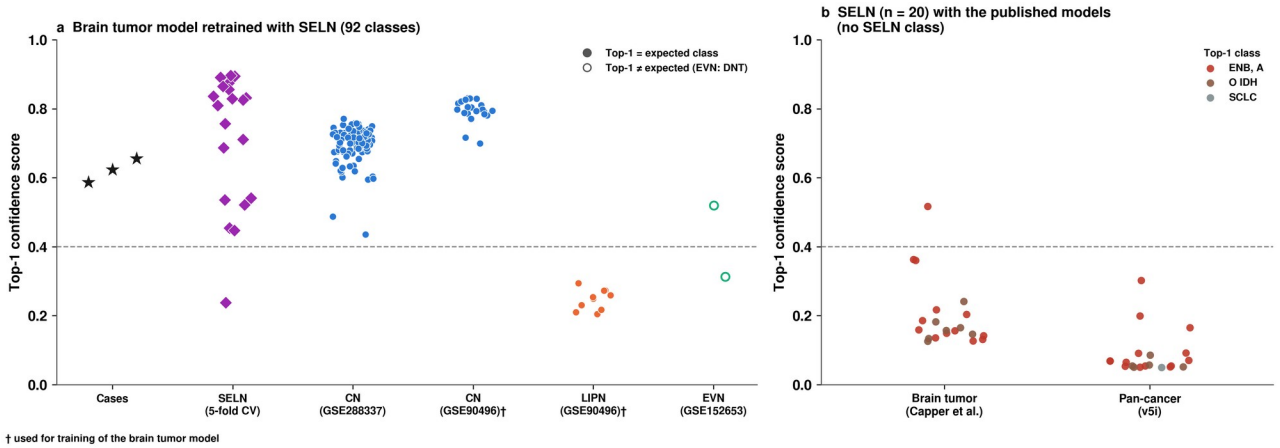
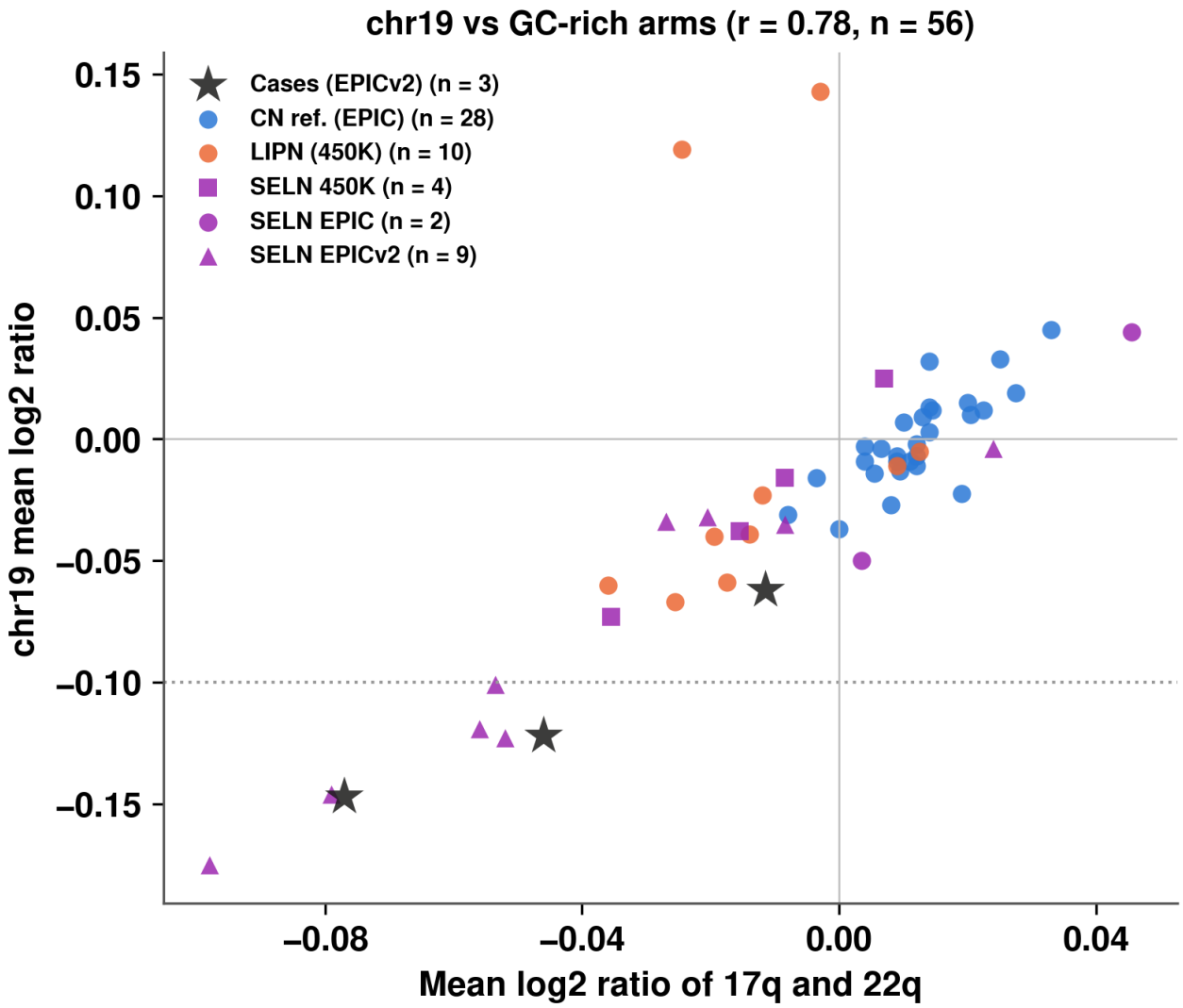
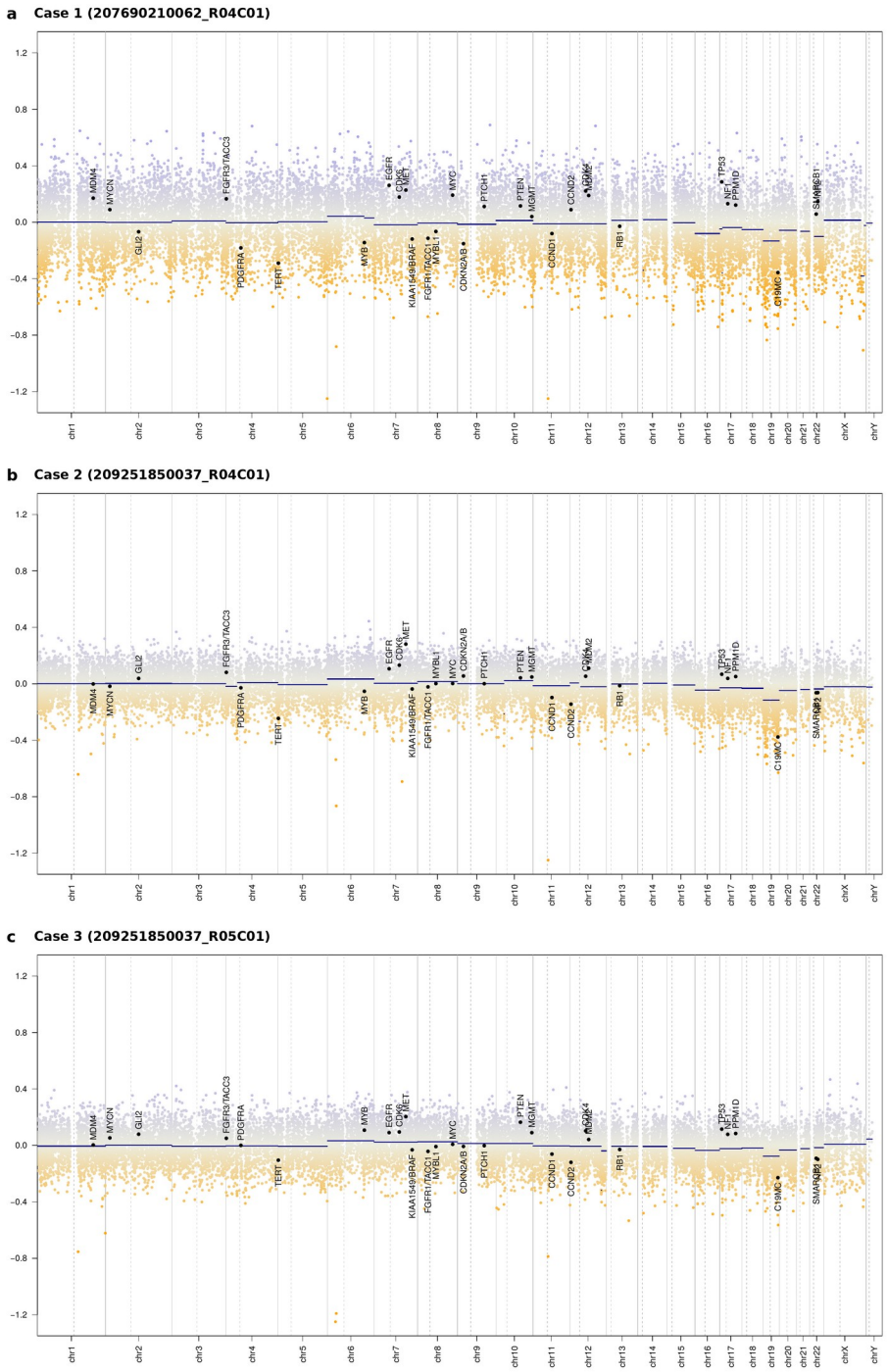


Supplementary Fig. 1 crossNN classification including sellar region neurocytoma (SELN). a Top-1 confidence scores with the Heidelberg-cohort model retrained with SELN (92 classes). SELN were classified in fivefold cross-validation, and the other samples with the final model trained with all 20 SELN. Filled symbols, expected class (CN for the cases). Open symbols, other classes (EVN, dysembryoplastic neuroepithelial tumor). †, samples used for training. b Classification of the 20 SELN with the published models, which lack a SELN class (colors indicate the top-1 class). Dashed lines indicate the threshold (0.4)



Supplementary Fig. 2 Chromosome 19 log2 ratio versus the mean log2 ratio of the GC-rich arms 17q and 22q (conumee2). Samples with a noise parameter > 0.6 were excluded (n = 56 shown). Stars, cases (EPICv2). Blue, reference CN (EPIC). Orange, LIPN (450K). Purple, SELN (squares 450K, circles EPIC, triangles EPICv2). The dotted line indicates −0.1



Supplementary Fig. 3 Genome-wide copy-number profiles of the three cases generated by the Heidelberg CNS Tumor Methylation Classifier v12.8 (Epignostix). a Case 1, b Case 2, c Case 3. Dots indicate log2 ratios of genomic bins, horizontal lines indicate segment means, and labeled black dots indicate values of genes relevant to brain tumor diagnostics