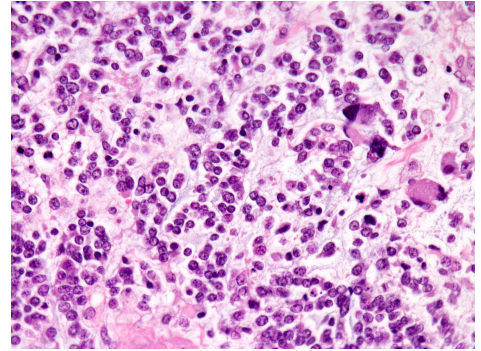


GBM-611FH

Clinical annotation:

Age: 11.3
Gender: Male
Location: Cortex, left temporal lobe
Diagnosis: Glioblastoma Multiforme
Pre-treatment: Radiation and chemotherapy
Source: Recurrent, autopsy
Stage: Metastatic at time of autopsy
EFS (months): 4.3 from diagnosis
OS (months): 5.5 from diagnosis

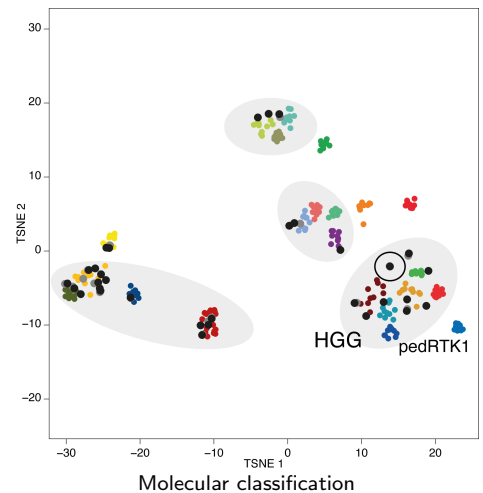


Histology of PDOX

Pathology of human tumor: *The post-treatment autopsy sample showed a pleomorphic population of malignant cells, but the small cell component was much more prominent in the limited sample obtained. The tumor displayed predominantly leptomeningeal involvement with extension along Virchow-Robin spaces and only focal direct infiltration of normal brain. Immunohistochemical synaptophysin stains again showed weak cytoplasmic immunoreactivity in some cells, with interpretation again varying as to whether this should be called "positive" or "negative". GFAP staining was less intense than the original, but many of the giant malignant cells had variable GFAP positivity.*

Model information:

Mouse strain: [NOD scid gamma \(NSG\)](#)
Site of transplantation: Cortex
Protocol: [Olson lab PDOX protocol](#)
Days to P0/P1/P2: 128/86/79
PI: James M. Olson
Contact: [Request model at www.btrl.org](http://www.btrl.org)



Molecular information:

Entity: High-grade glioma
Subgroup: pedRTK1
Curated lesions: Hypermutator, *MSH2* (stopgain + splice site mutation), *ATRX* (missense mutation), *TP53* (missense mutation)
Detailed information: [Explore molecular data in PDX explorer](#)
[Explore genomic data of pediatric PDX cohort](#)

