

## Sequencing center

- NantOmics
- BGI@CHOP Genome Center
- BGI

## Broad histology

- Benign tumor
- Embryonal tumor
- Ependymal tumor
- Germ cell tumor
- High-grade glioma
- Low-grade glioma
- Meningioma
- Mesenchymal non-meningothelial tumor
- Neuronal and mixed neuronal–glial tumor
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- Other
- Tumor of cranial and paraspinal nerves
- Tumor of sellar region