

Pathologist category and grade

Nerve sheath tumor, high grade

Spindle and epithelioid tumor, high grade

Glioma, grade 3

Glioma, grade 4

Pathologist Pathologist subcategory

Resultant (Resultant c Result

Astrocytoma, Grade 3

Astrocytoma, Grade 4 Glioblastoma (GBM)

Glioblastoma (GBM) w/ spindle-cell component Astrocytoma, Grade 4, leptomeningeal glioma

Resultant genotype

nf1 KO; pten KO; ink KO; atrx KO nf1 KO; pten KO; ink KO; atrx wt

nf1 wt; pten KO; ink KO; atrx KO