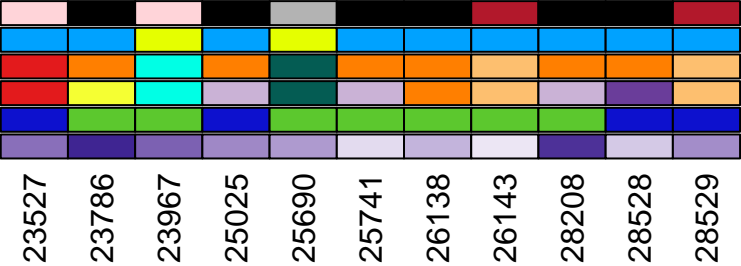


Gliomas vs. Glioneuronal tumors



Gliomas

Glioneuronal tumors

Pathologist category and grade

Glioma, grade 2

Glioma, grade 3

Glioma, grade 4

Glioneuronal tumor, diffuse low grade (DLGNT)

Glioneuronal tumor, no grade assigned

Pathologist subcategory

Astrocytoma, diffuse, low-grade (Grade 2)

Astrocytoma, Grade 3

Astrocytoma, Grade 4

Glioblastoma (GBM)

Glioblastoma (GBM) w/ spindle-cell component

Astrocytoma, Grade 4, leptomeningeal glioma

Glioneuronal tumor, diffuse low grade (DLGNT)

Glioneuronal tumor, NOS

Resultant genotype

nf1 KO; pten KO; ink KO; atrx KO

nf1 KO; pten KO; ink KO; atrx wt