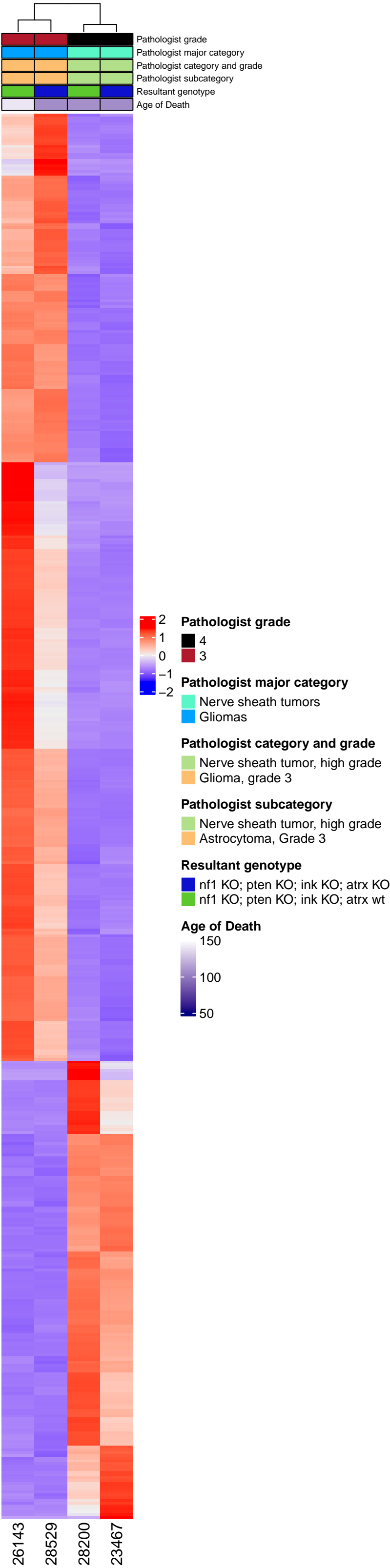
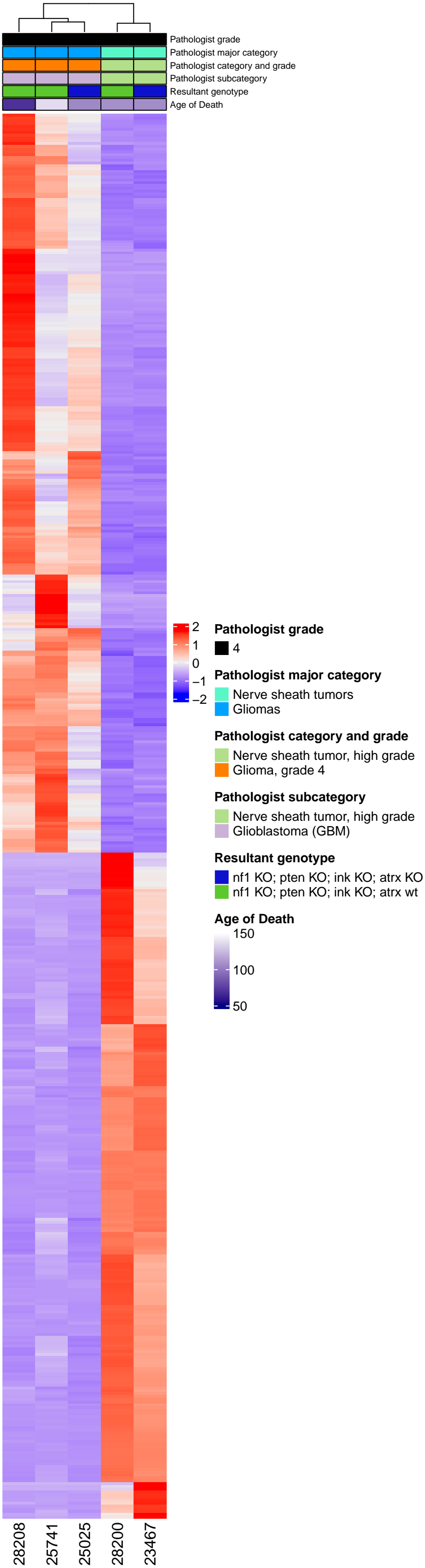


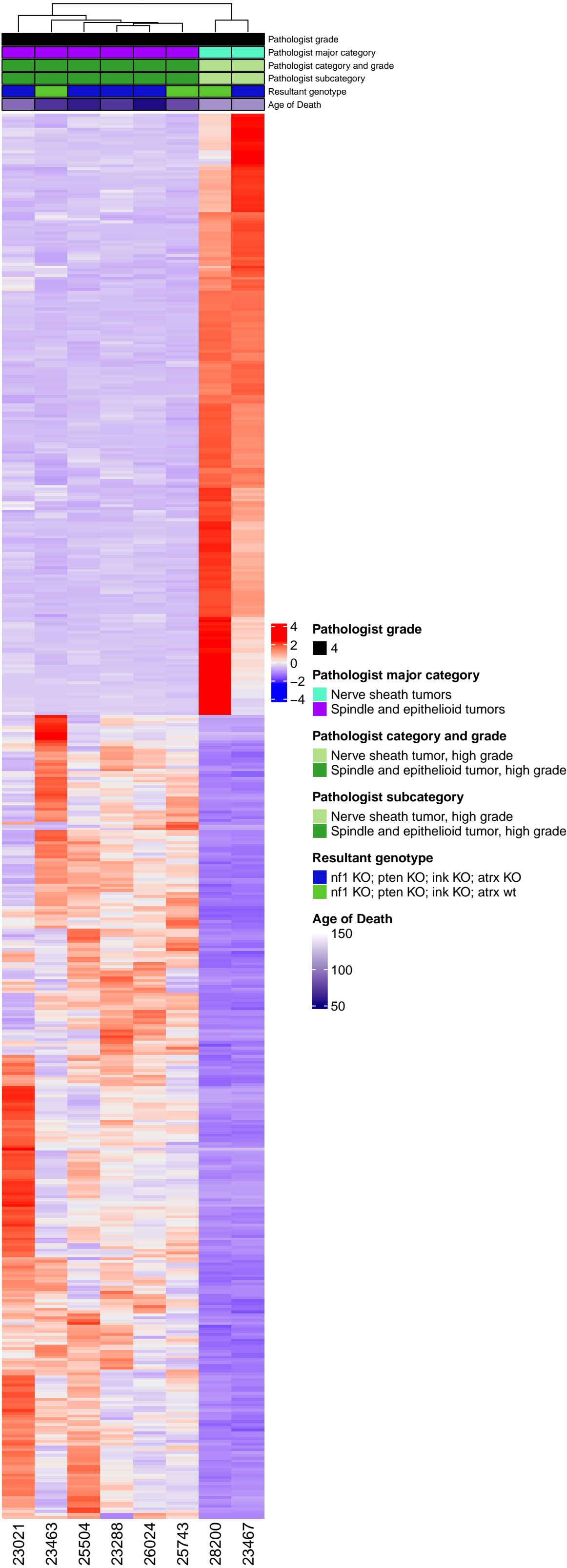
Nerve sheath tumor, high grade vs. Astrocytoma, Grade 3



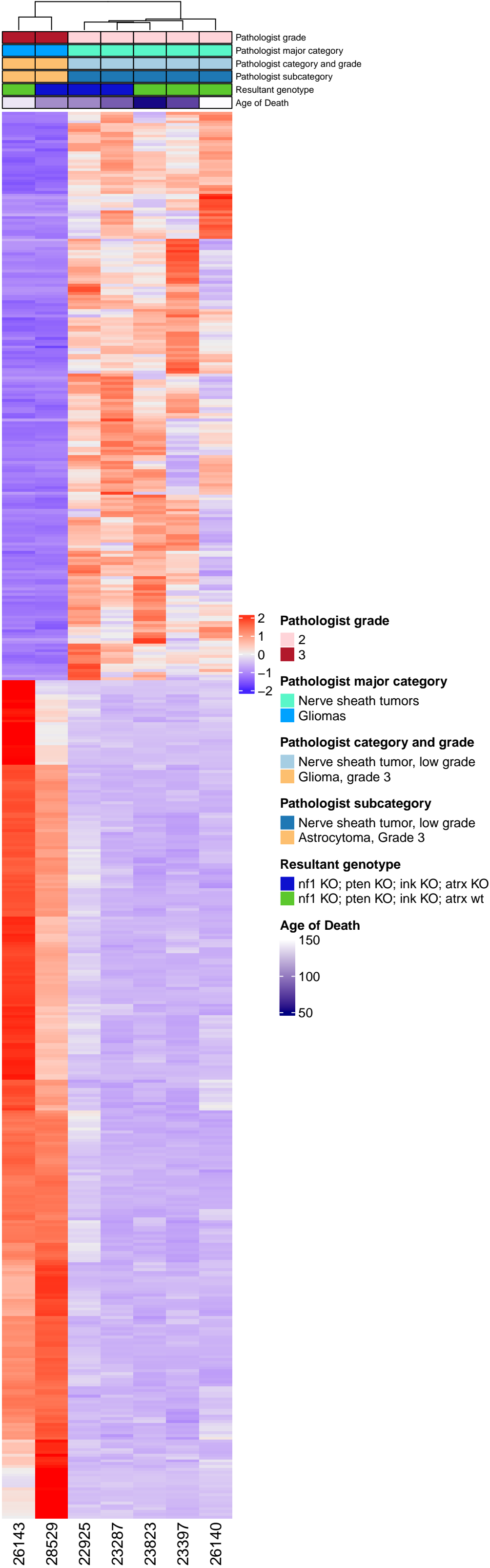
Nerve sheath tumor, high grade vs. Glioblastoma (GBM)



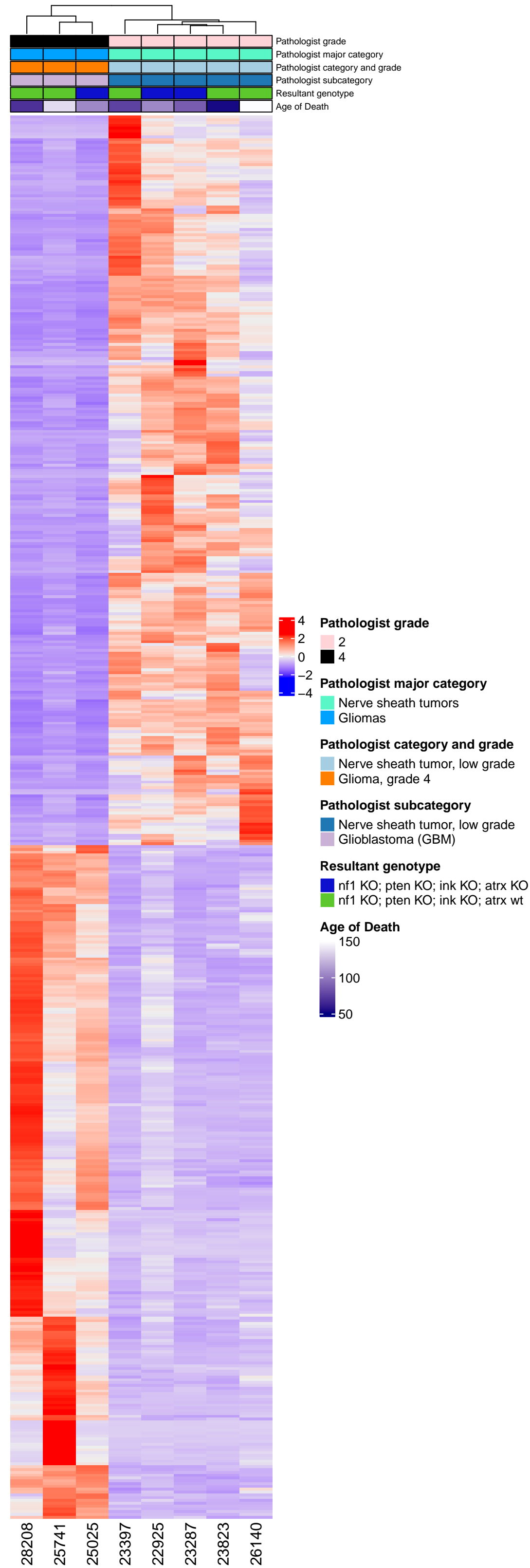
Nerve sheath tumor, high grade vs. Spindle and epithelioid tumor, high grade

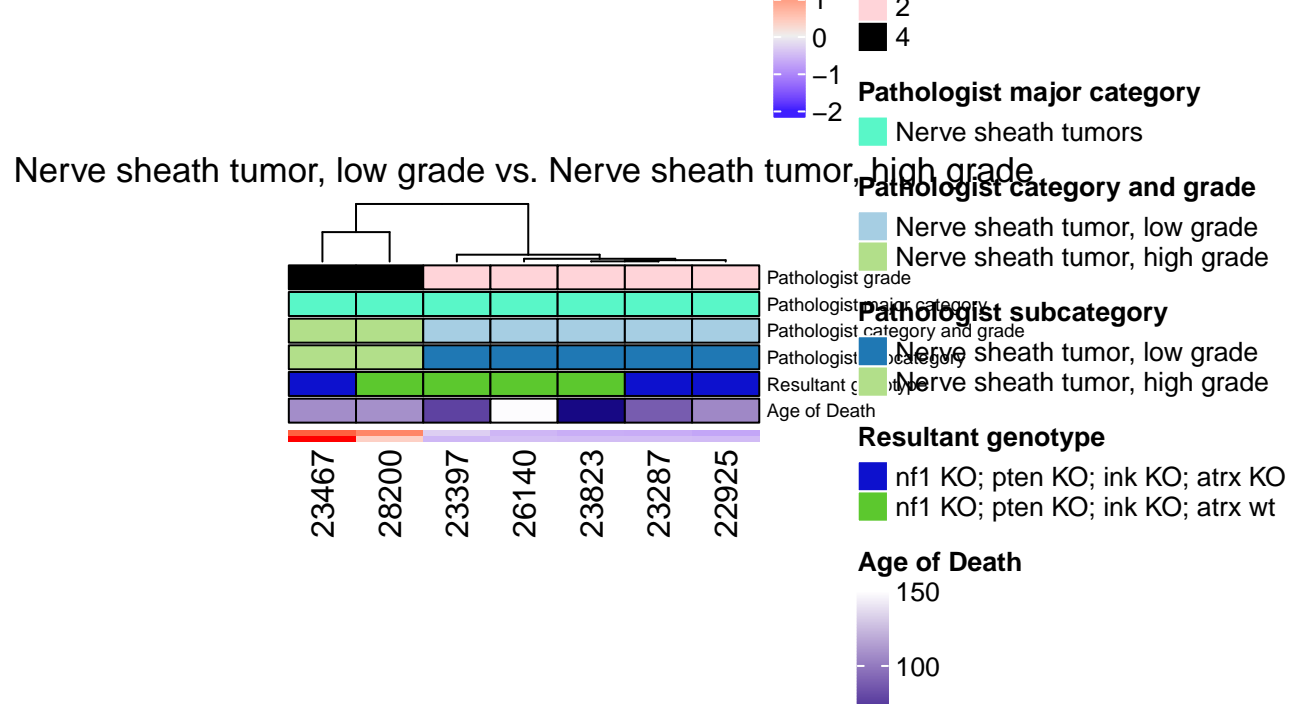


Nerve sheath tumor, low grade vs. Astrocytoma, Grade 3

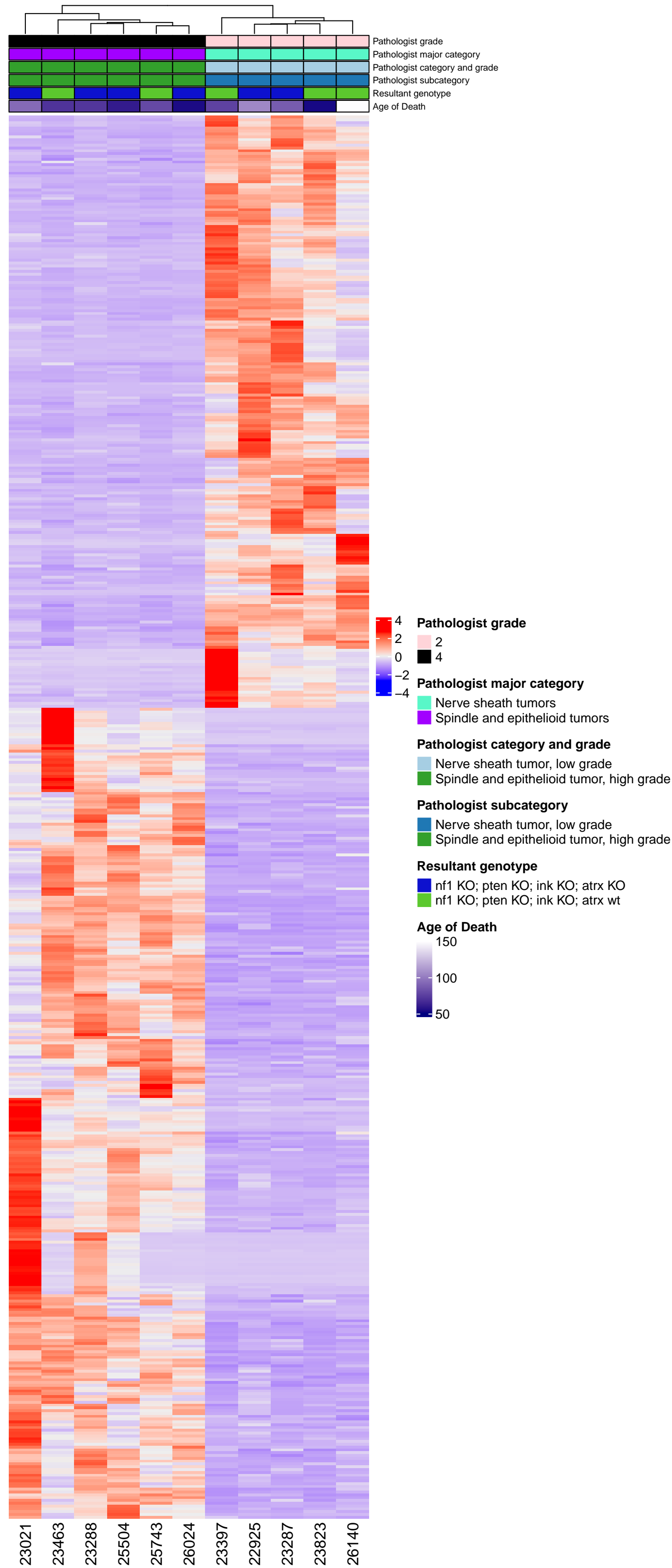


Nerve sheath tumor, low grade vs. Glioblastoma (GBM)



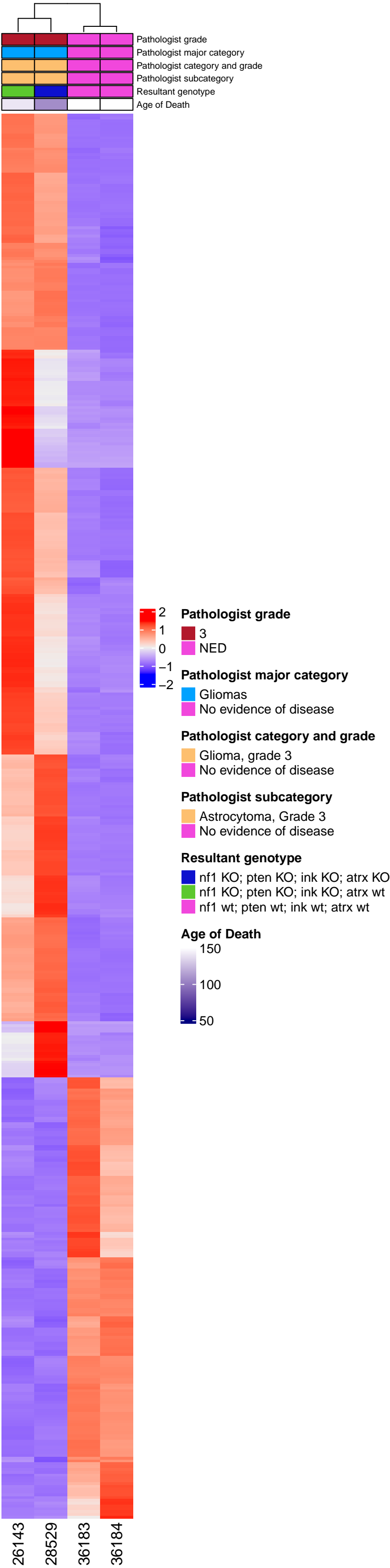


Nerve sheath tumor, low grade vs. Spindle and epithelioid tumor, high grade

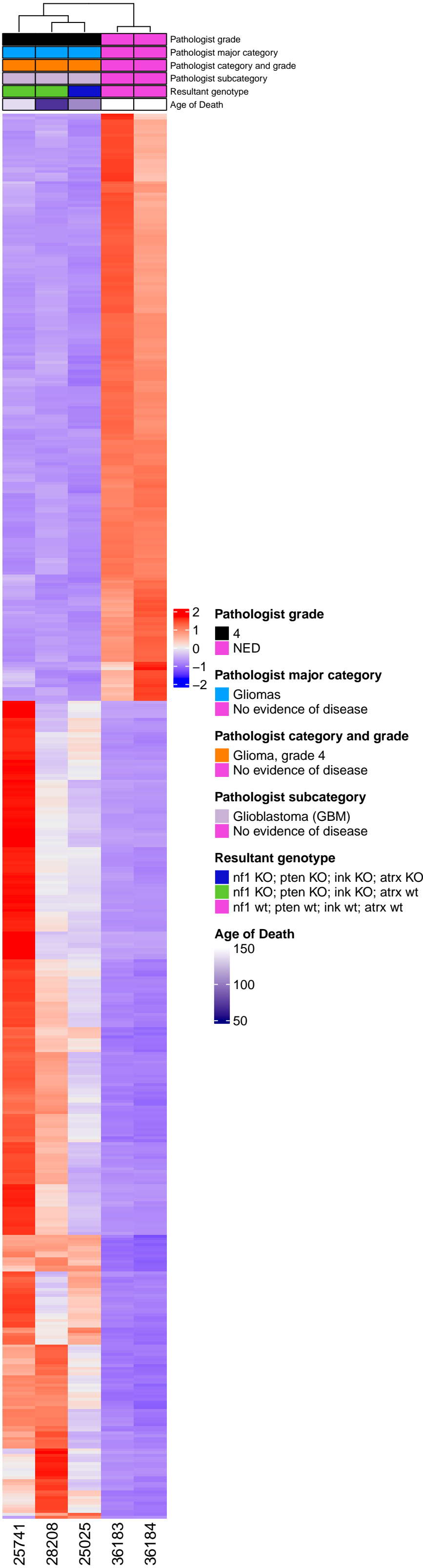




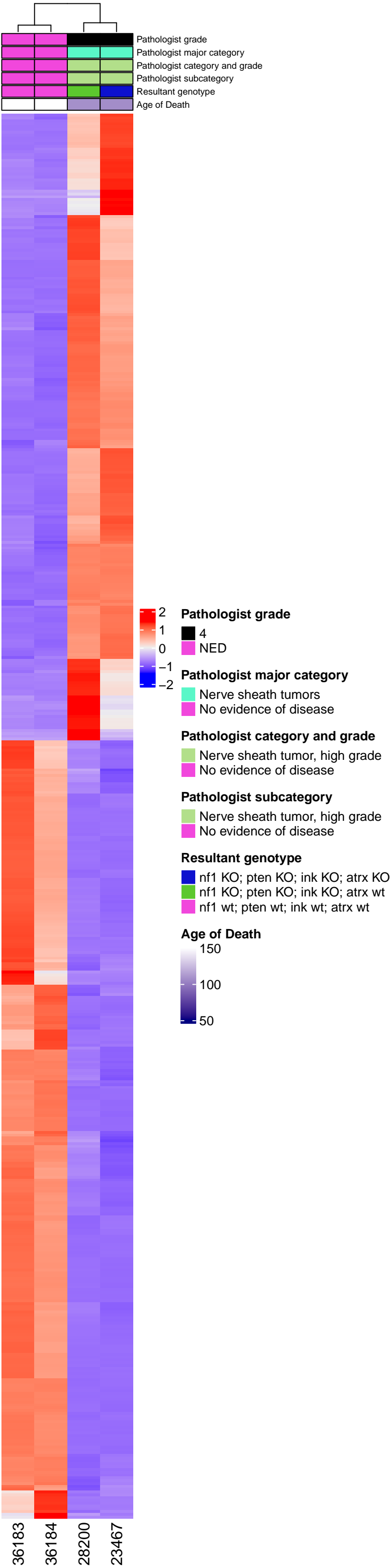
No evidence of disease vs. Astrocytoma, Grade 3



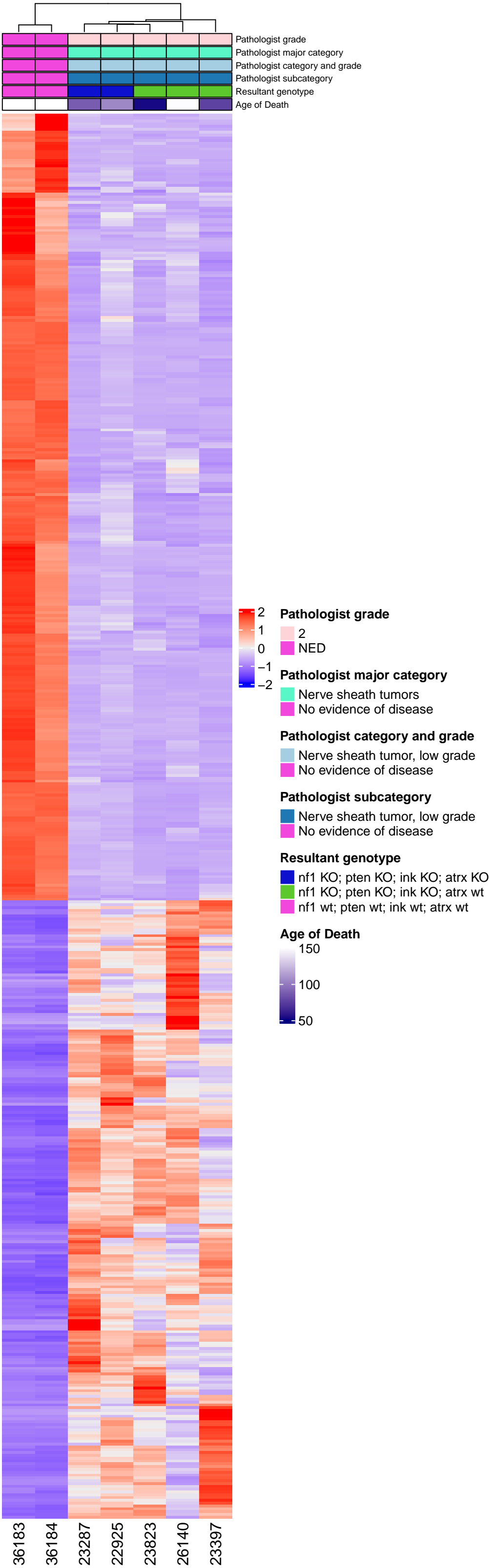
No evidence of disease vs. Glioblastoma (GBM)



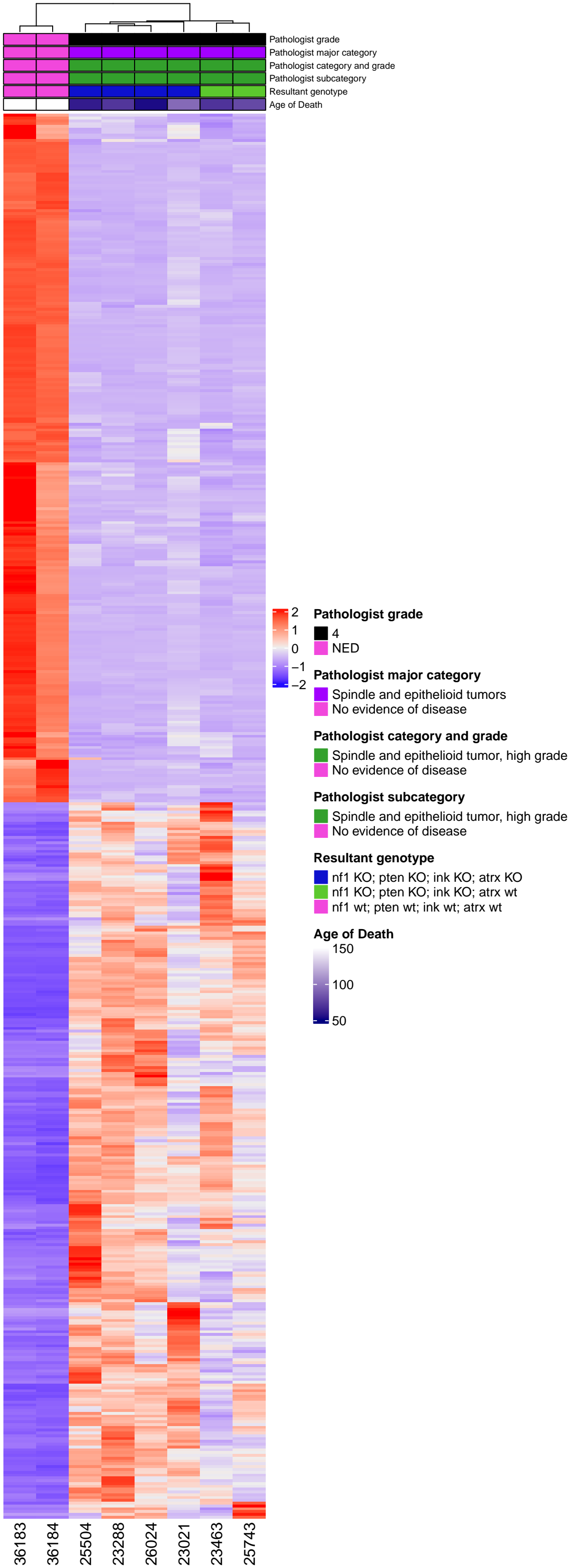
No evidence of disease vs. Nerve sheath tumor, high grade



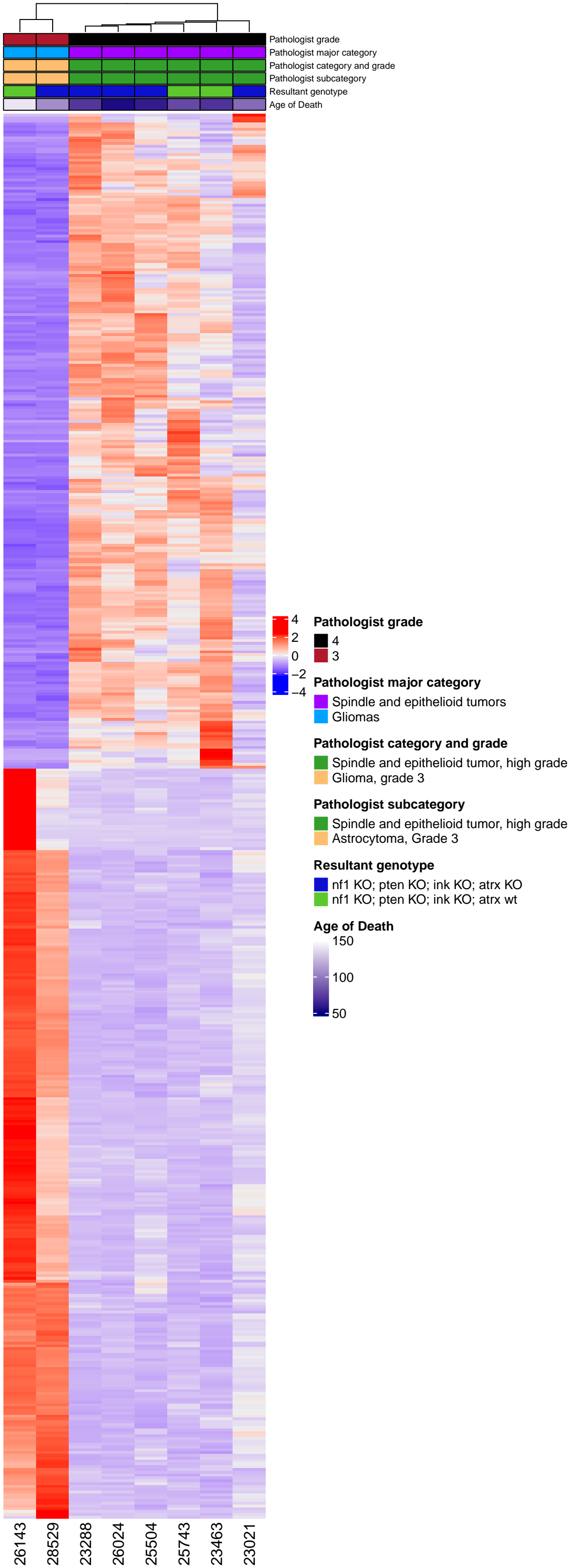
No evidence of disease vs. Nerve sheath tumor, low grade



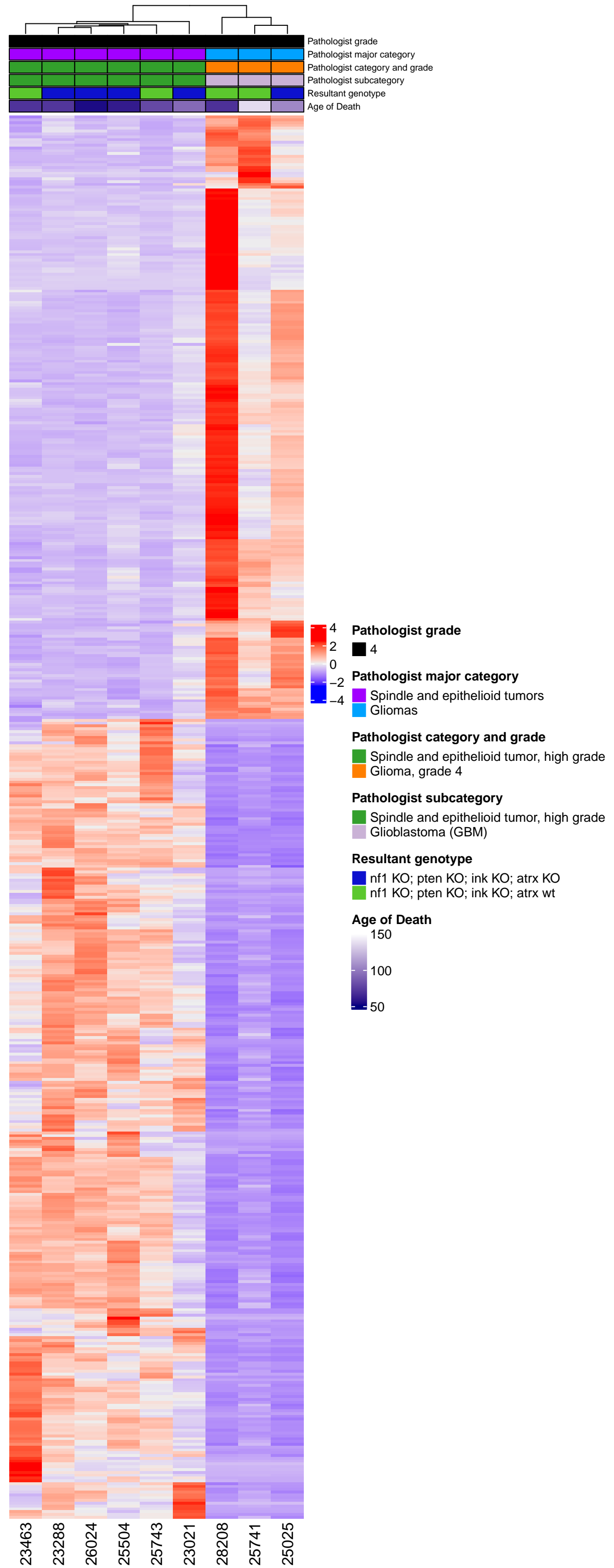
No evidence of disease vs. Spindle and epithelioid tumor, high grade



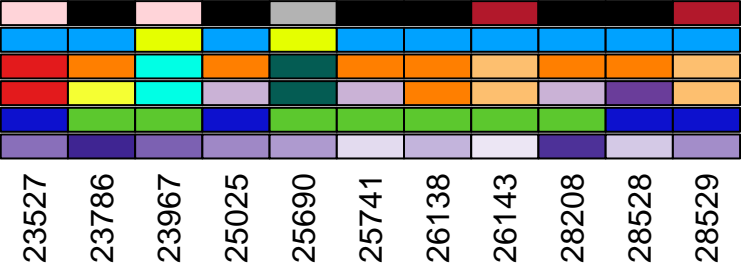
Spindle and epithelioid tumor, high grade vs. Astrocytoma, Grade 3



Spindle and epithelioid tumor, high grade vs. Glioblastoma (GBM)



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)

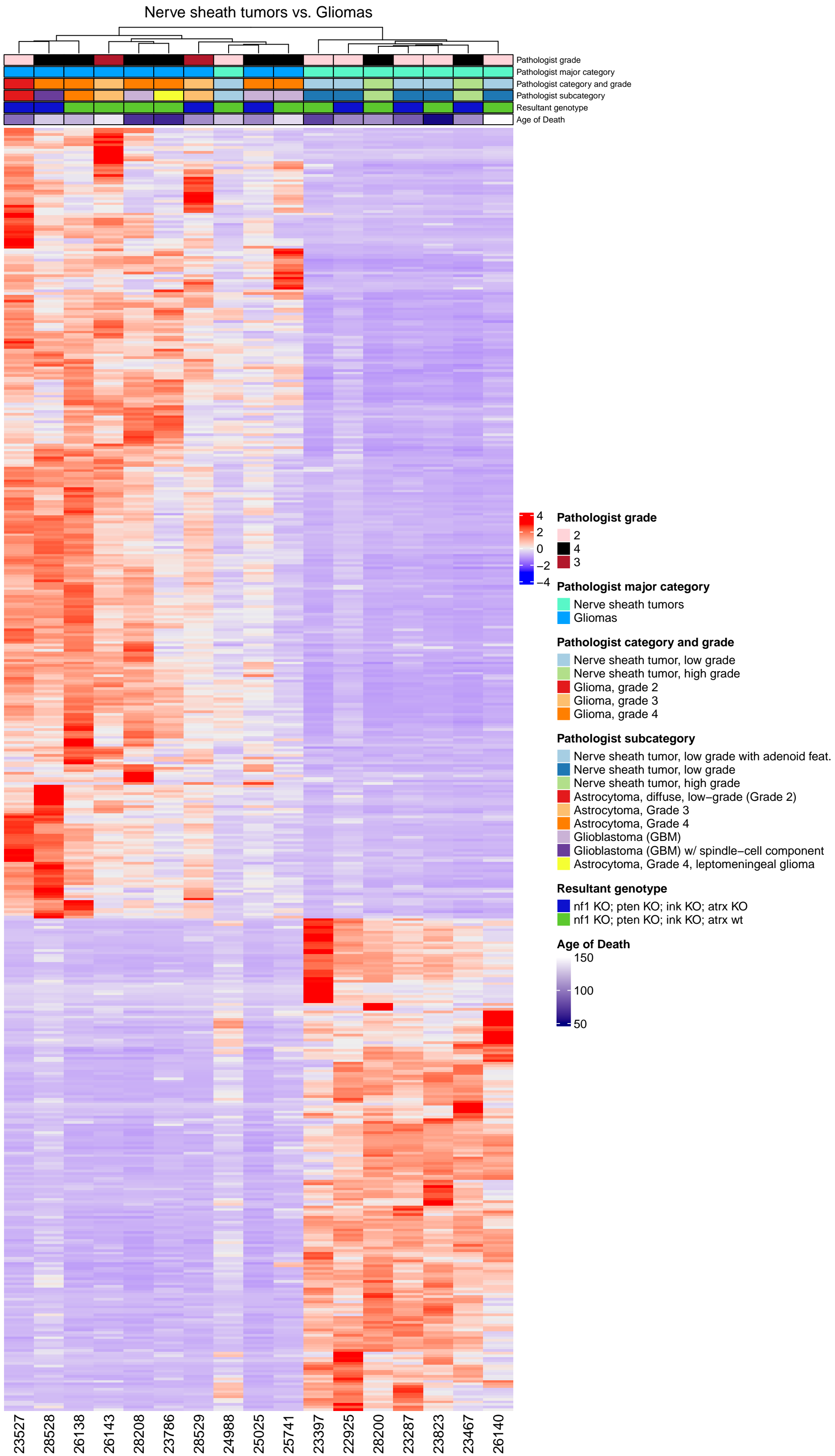
Glioneuronal tumor, NOS

Resultant genotype

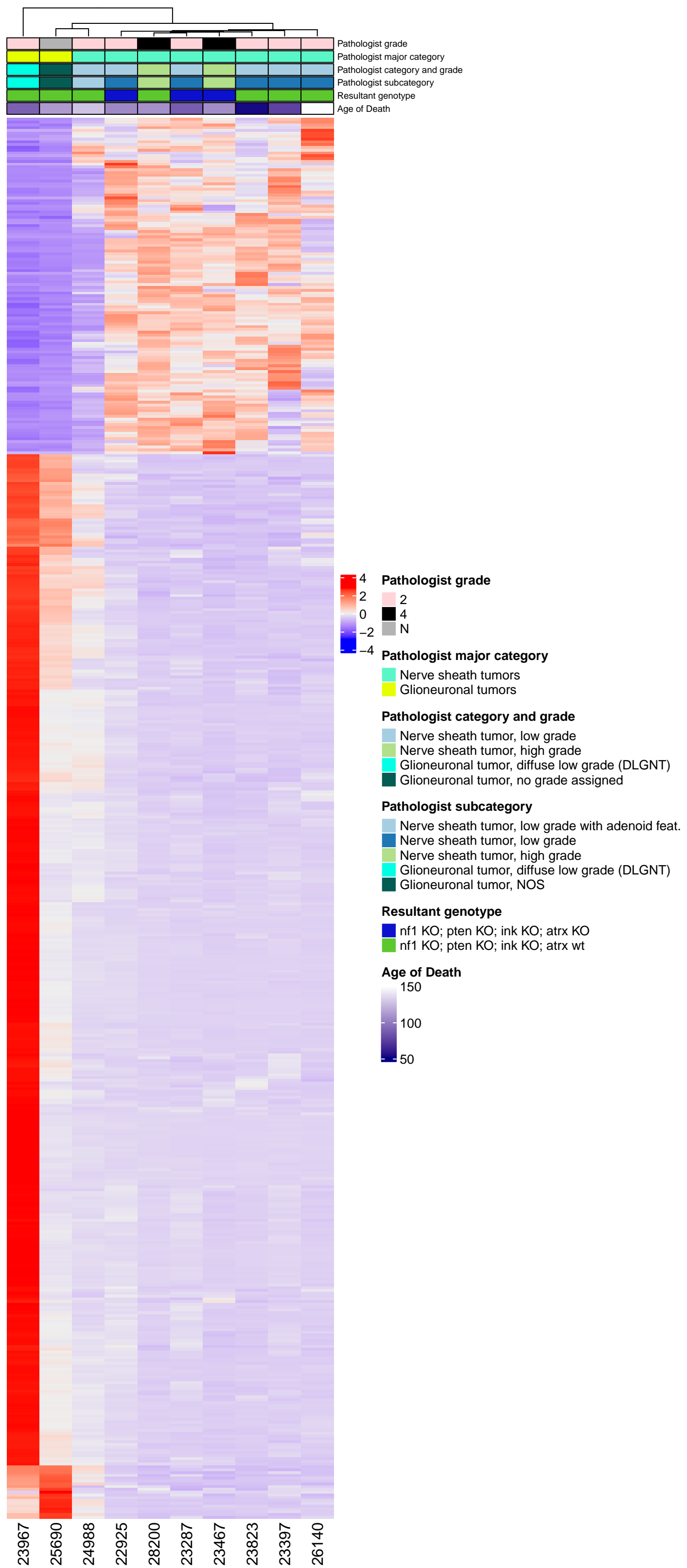
nf1 KO; pten KO; ink KO; atrx KO

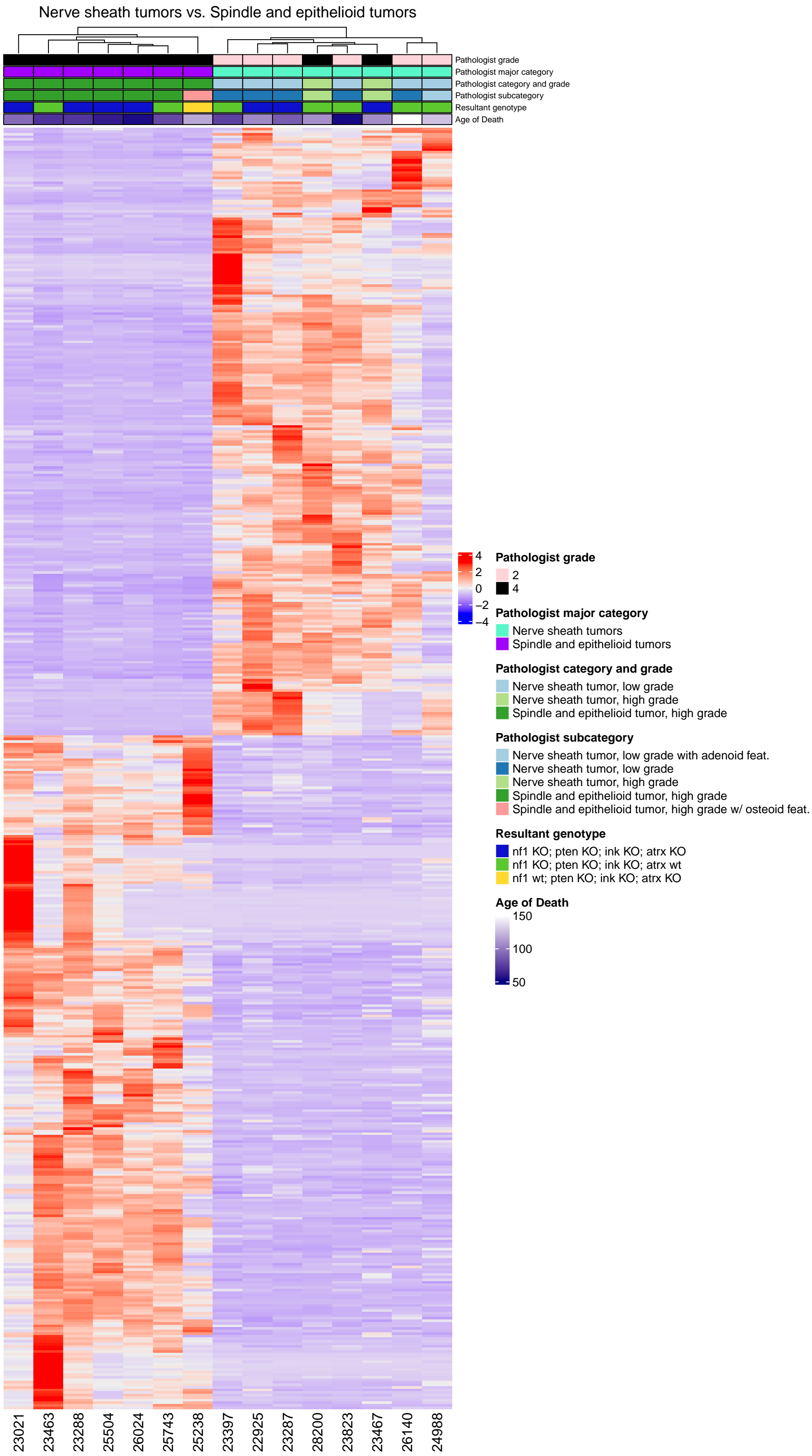
nf1 KO; pten KO; ink KO; atrx wt

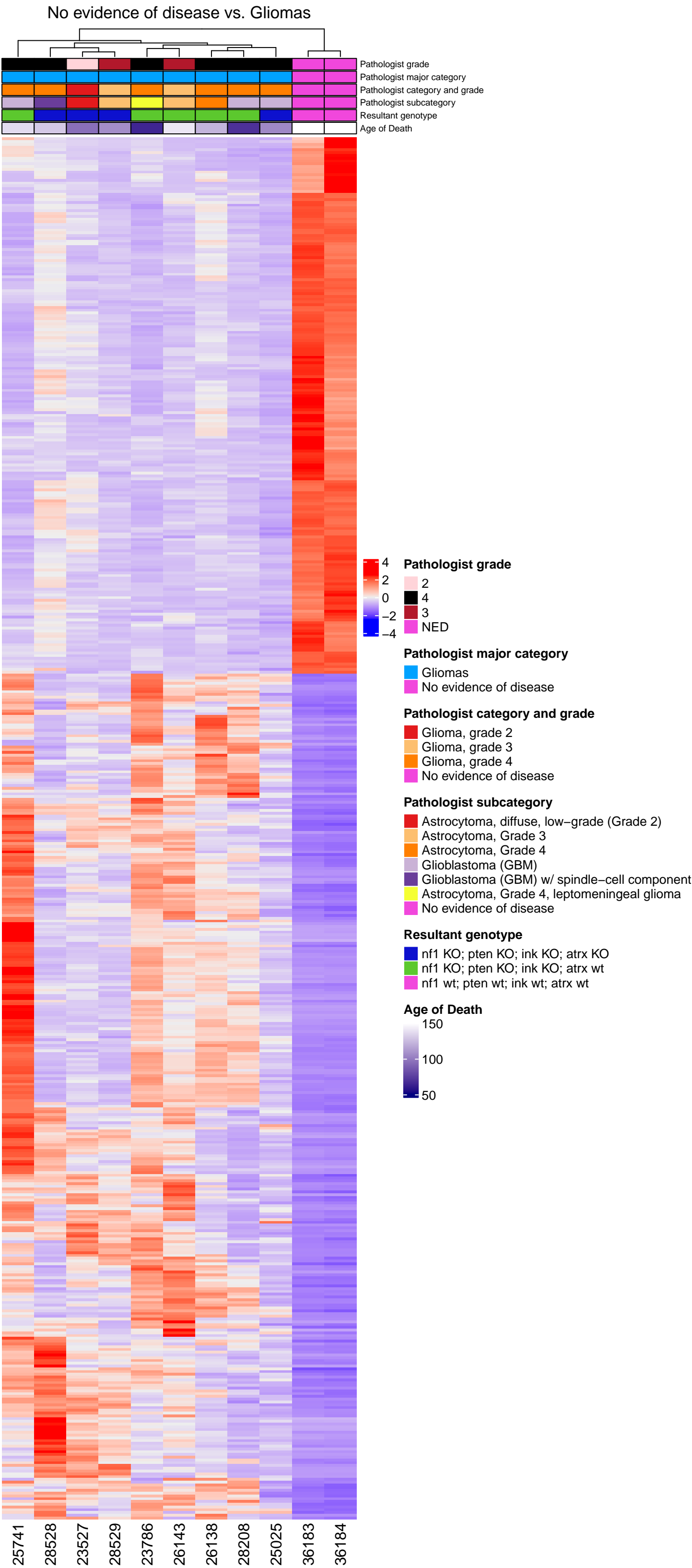




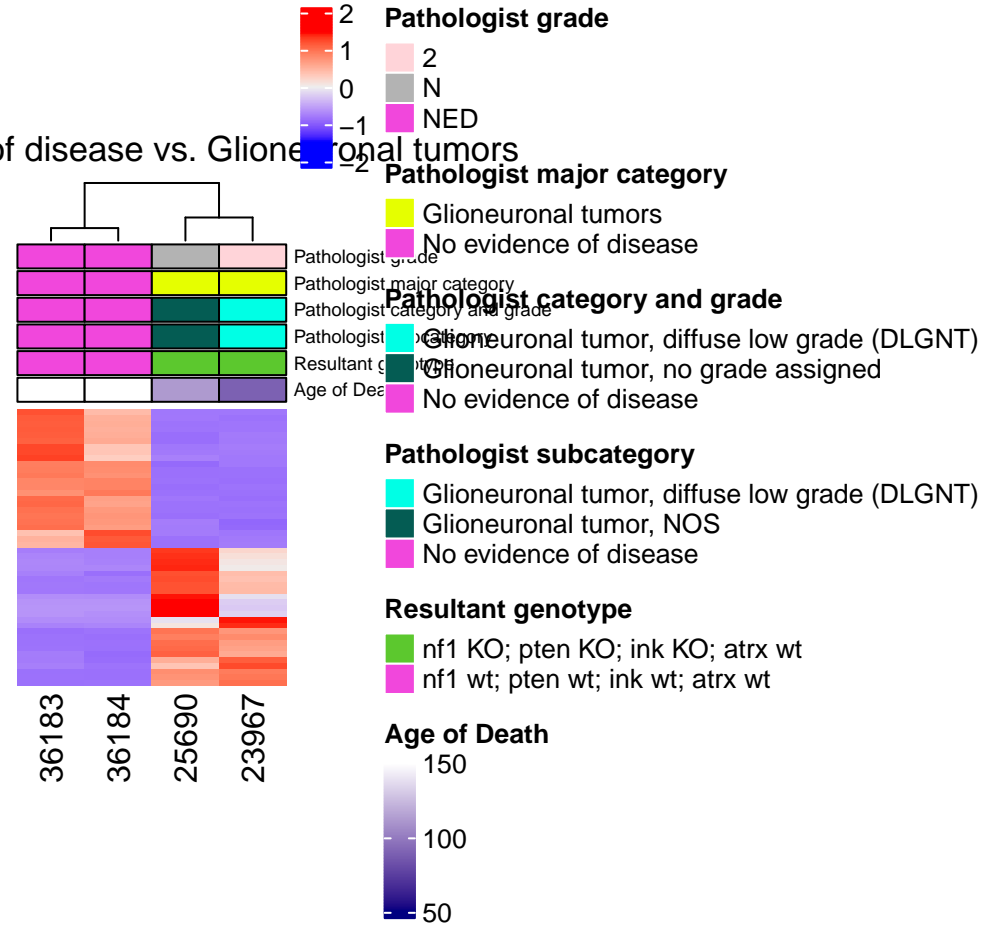
Nerve sheath tumors vs. Glioneuronal tumors



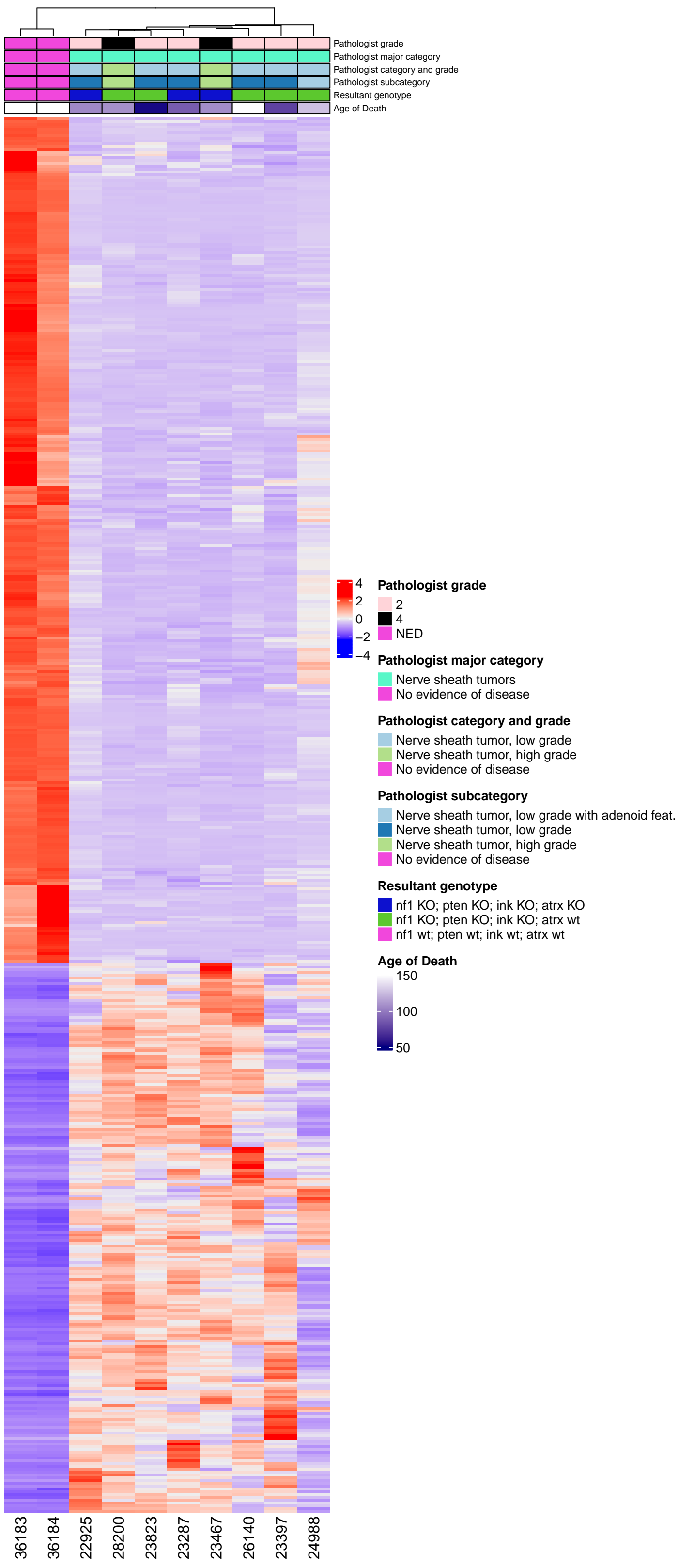




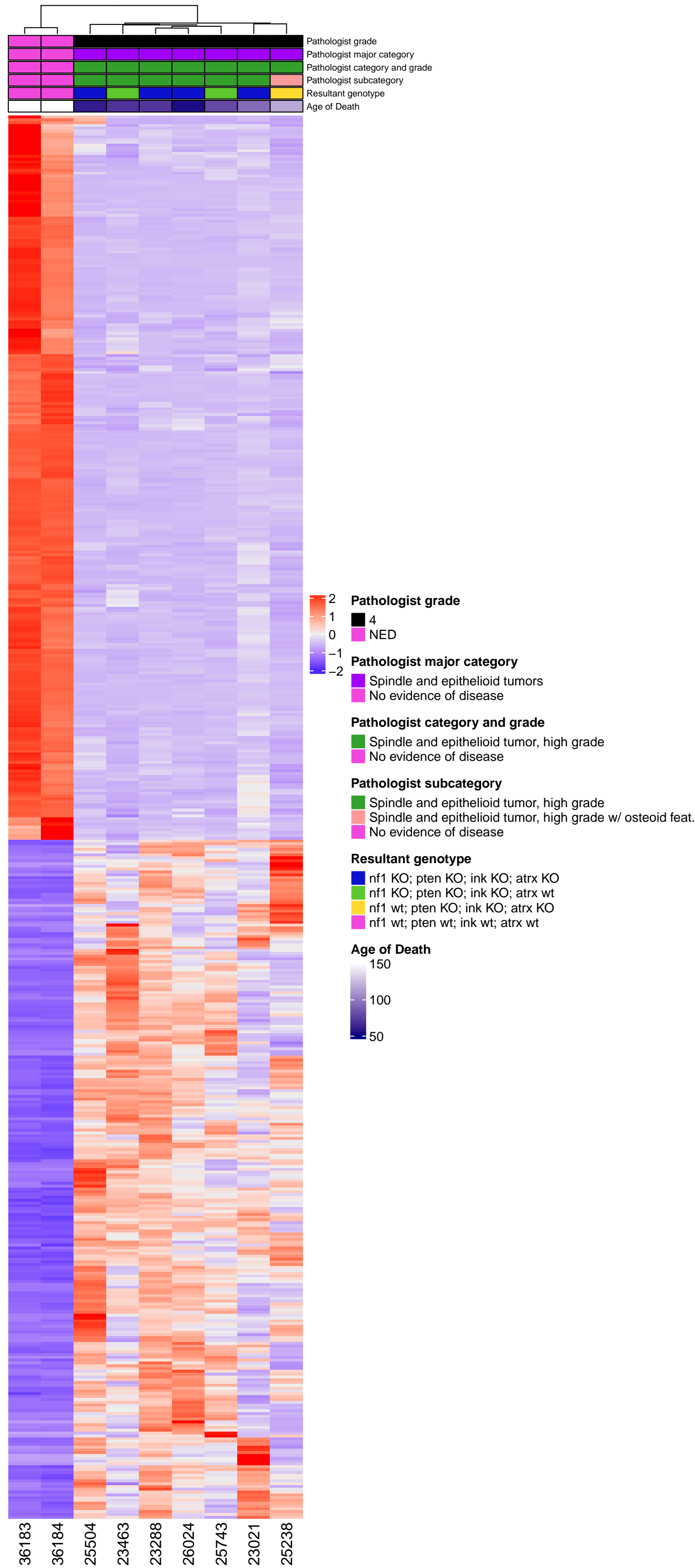
No evidence of disease vs. Glioneuronal tumors

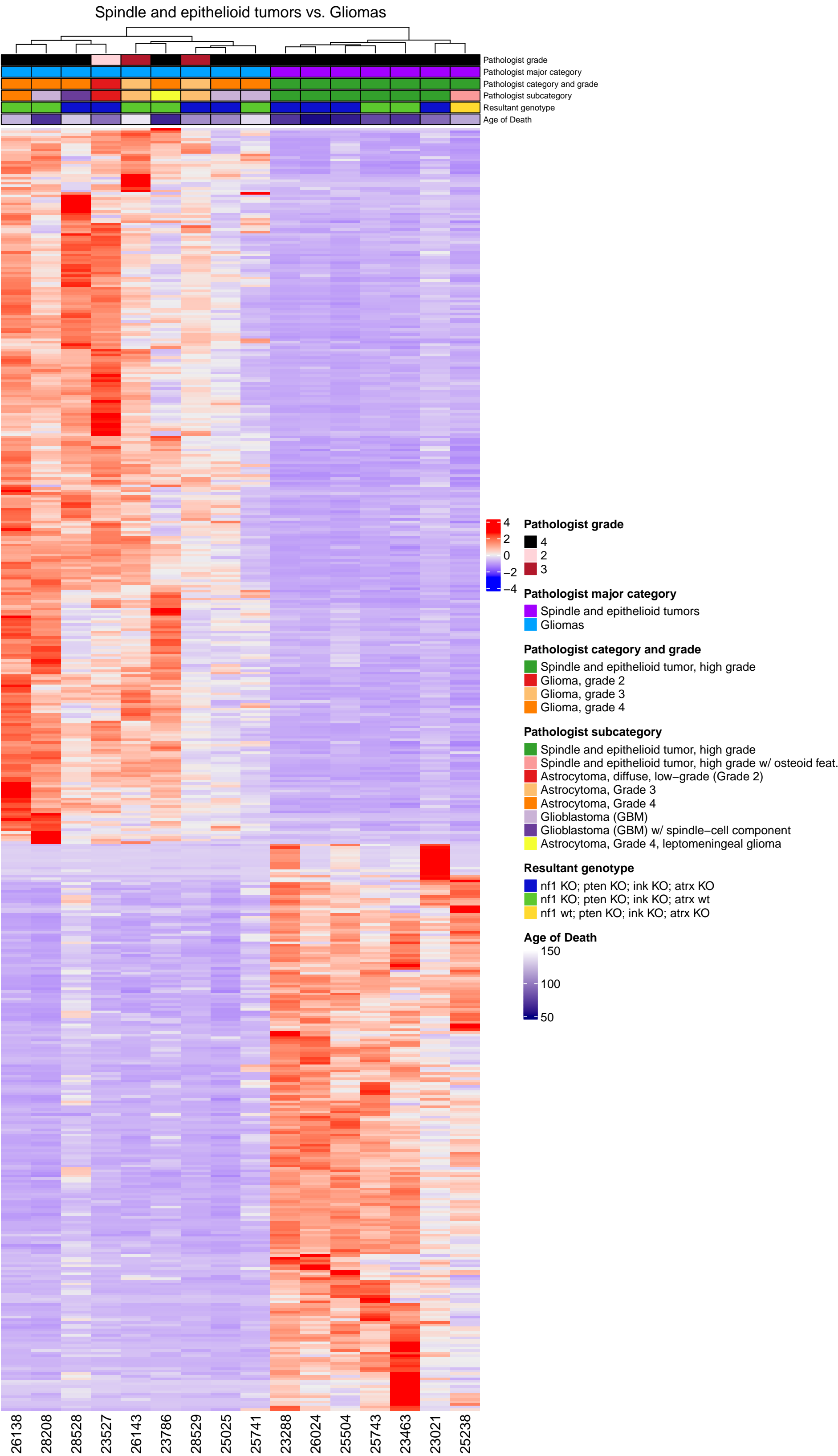


No evidence of disease vs. Nerve sheath tumors



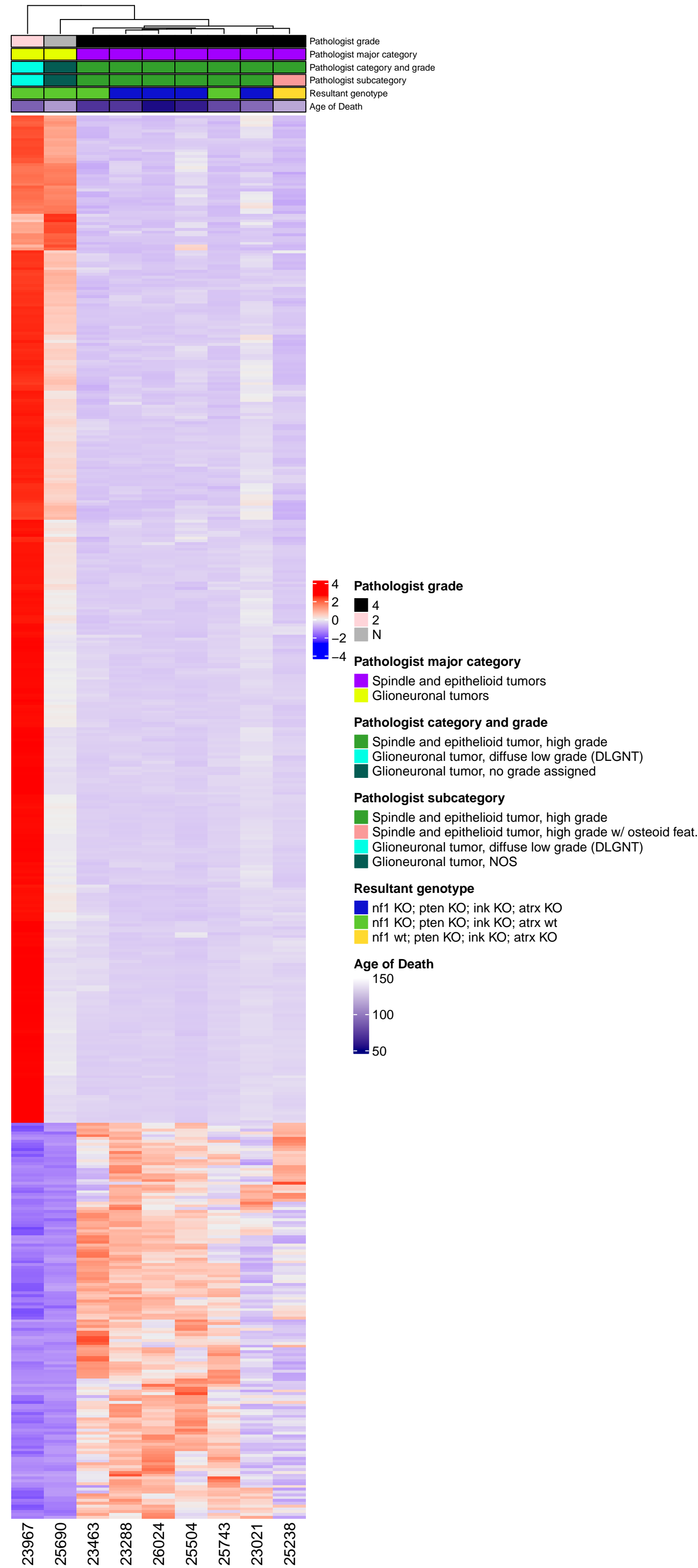
No evidence of disease vs. Spindle and epithelioid tumors

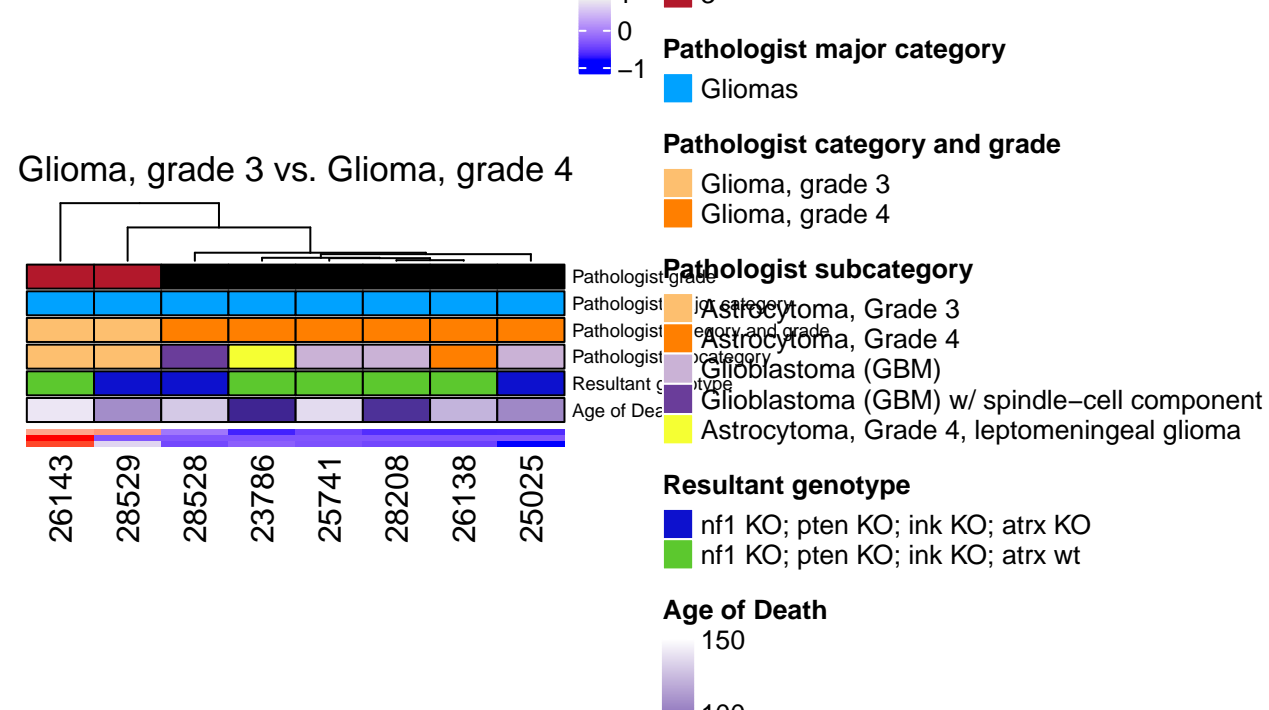




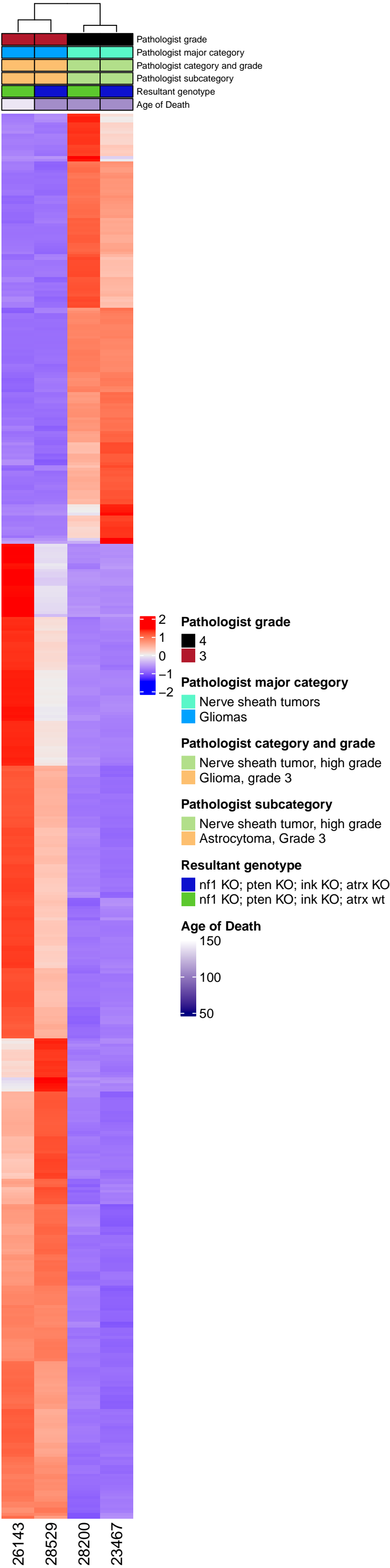


Spindle and epithelioid tumors vs. Glioneuronal tumors

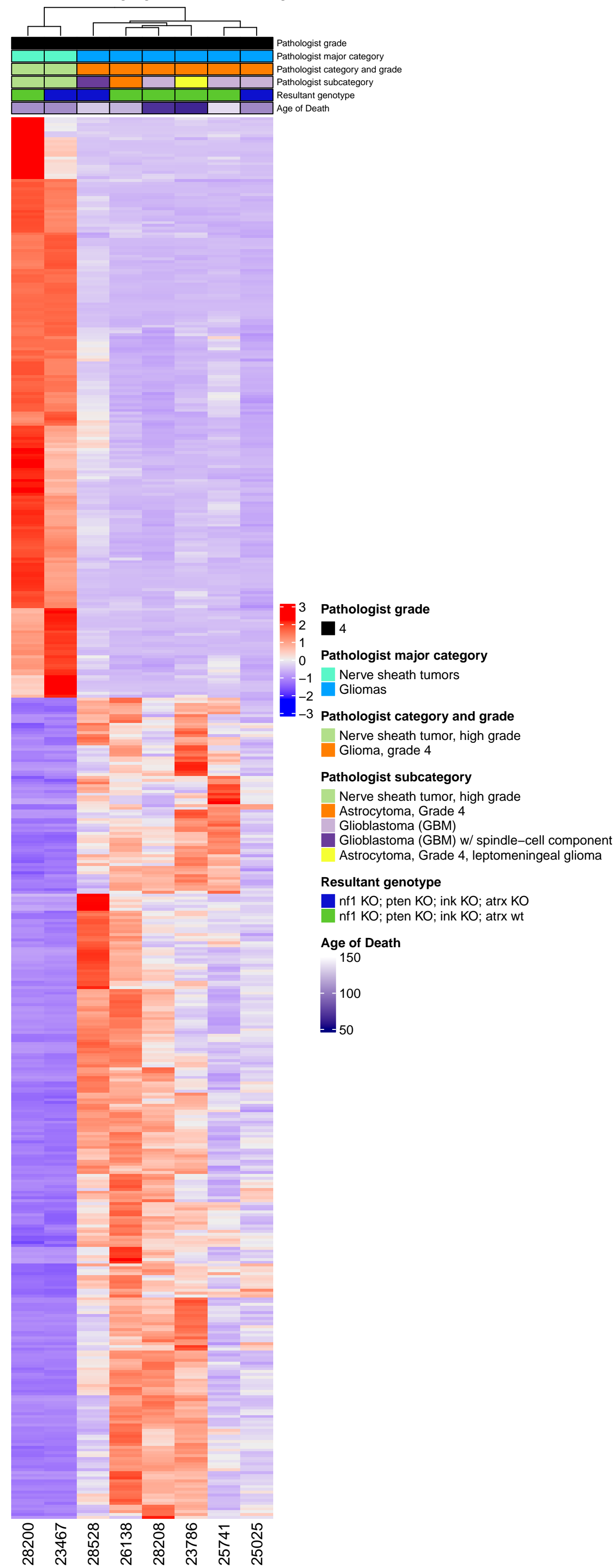




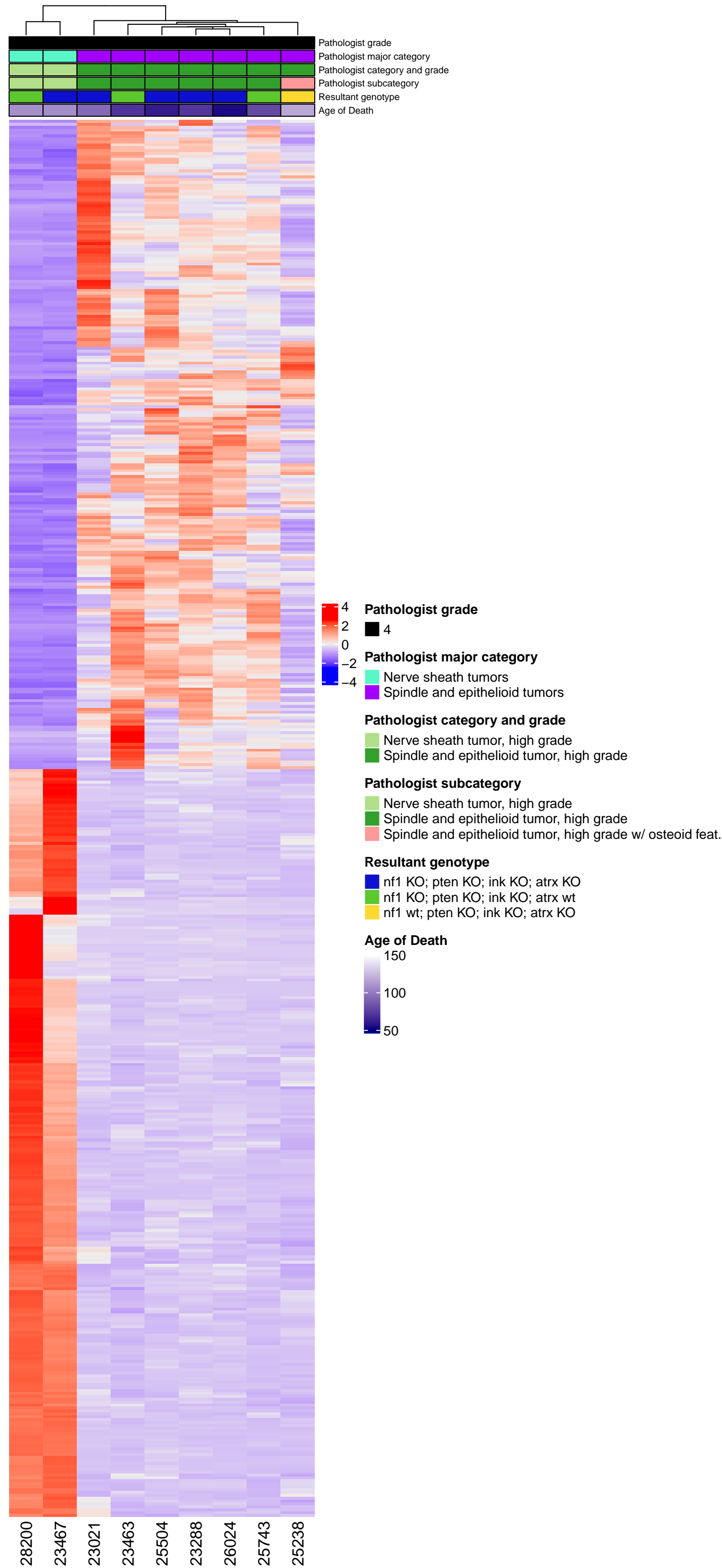
Nerve sheath tumor, high grade vs. Glioma, grade 3



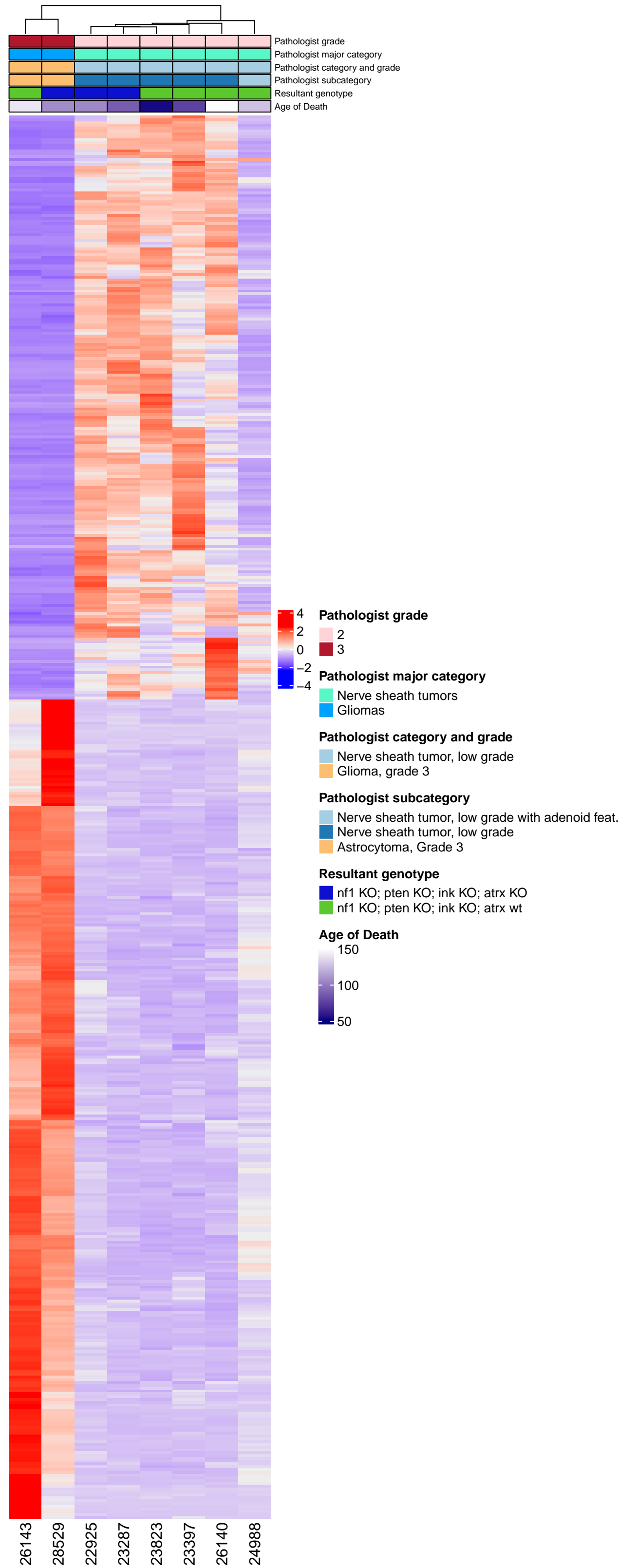
Nerve sheath tumor, high grade vs. Glioma, grade 4



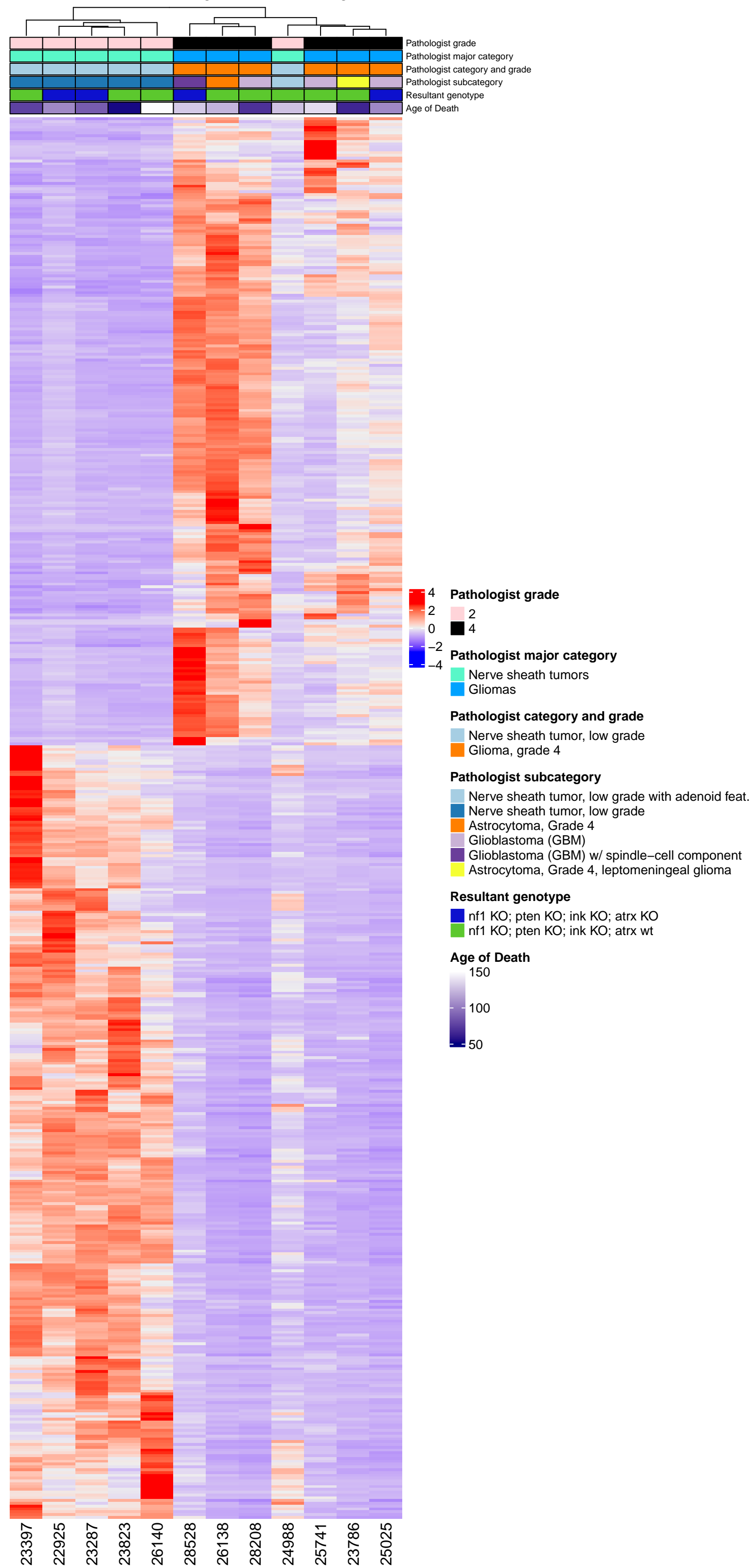
Nerve sheath tumor, high grade vs. Spindle and epithelioid tumor, high grade



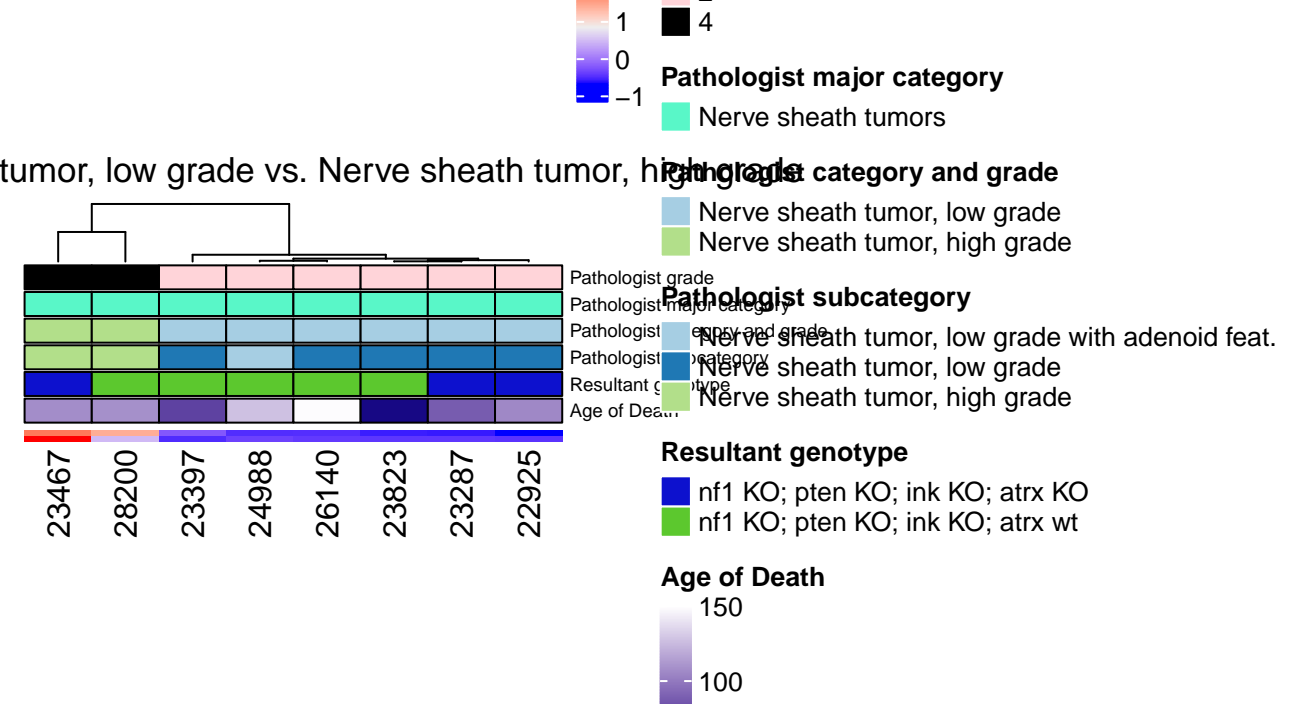
Nerve sheath tumor, low grade vs. Glioma, grade 3



Nerve sheath tumor, low grade vs. Glioma, grade 4

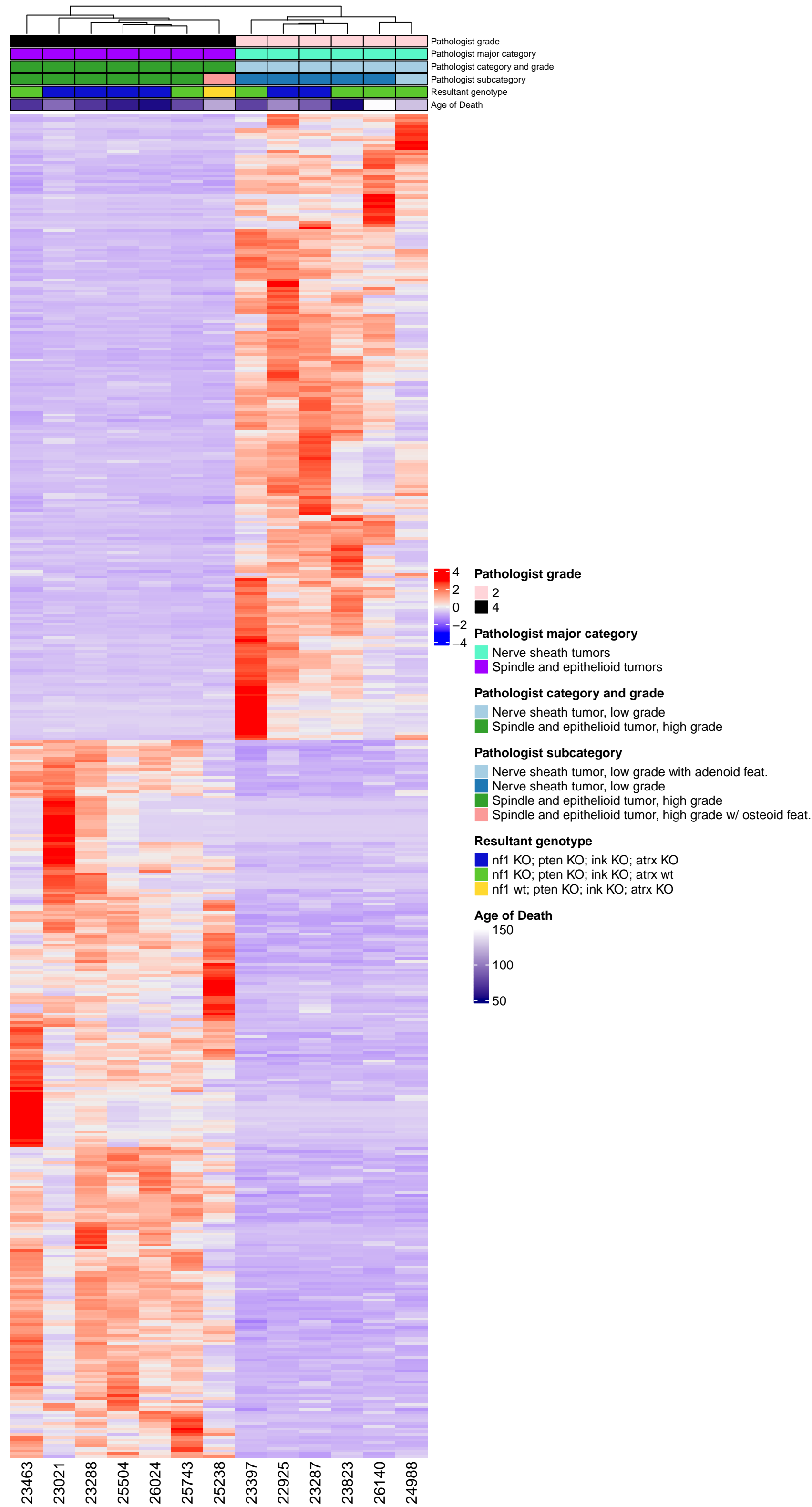


Nerve sheath tumor, low grade vs. Nerve sheath tumor, high grade

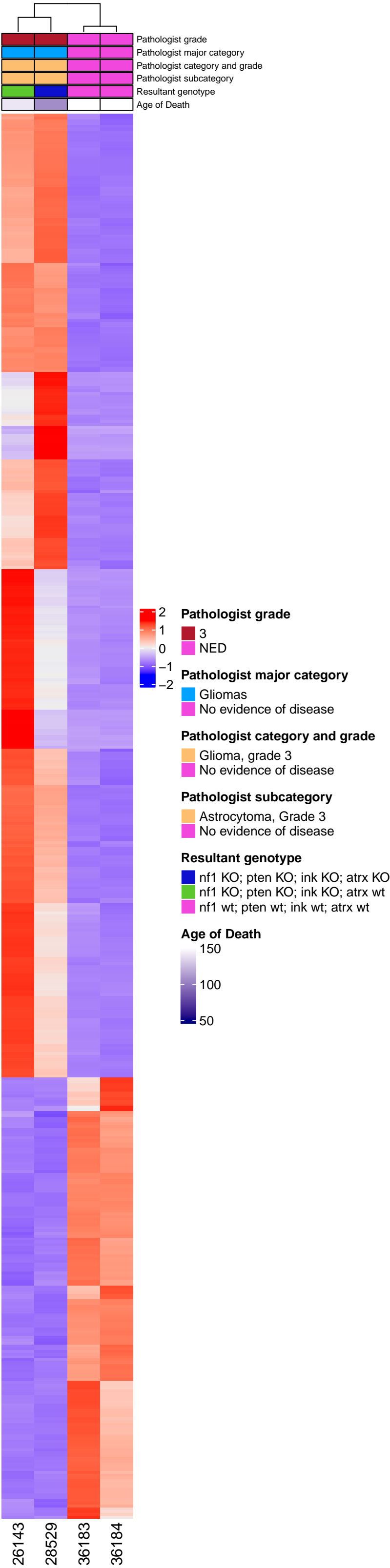




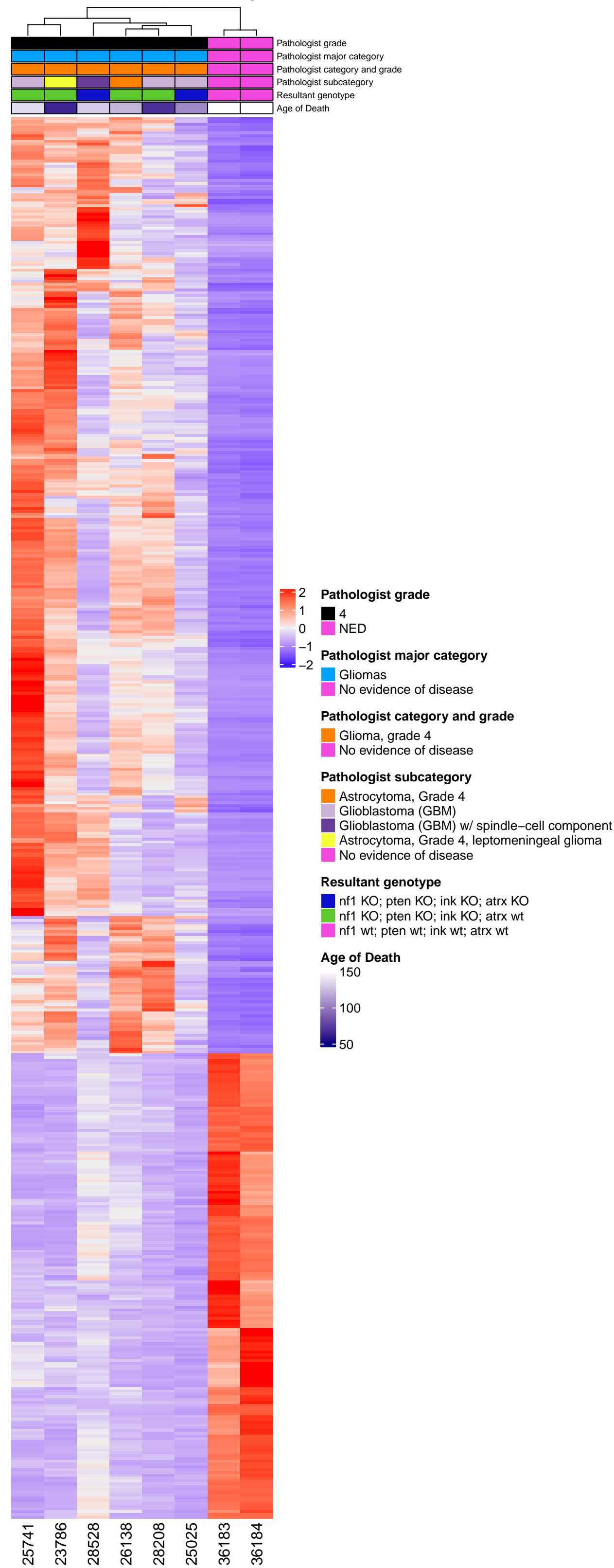
Nerve sheath tumor, low grade vs. Spindle and epithelioid tumor, high grade



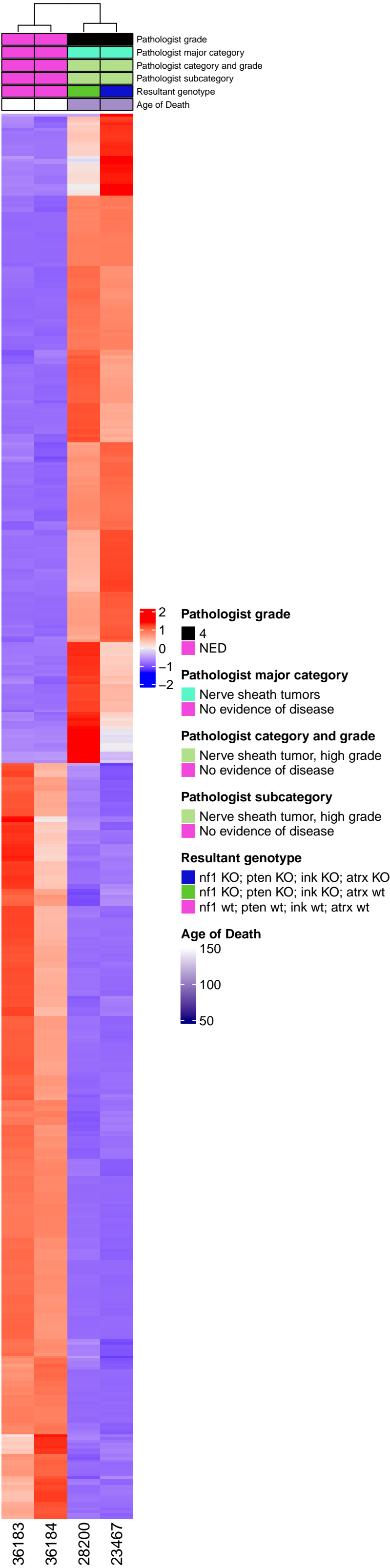
No evidence of disease vs. Glioma, grade 3



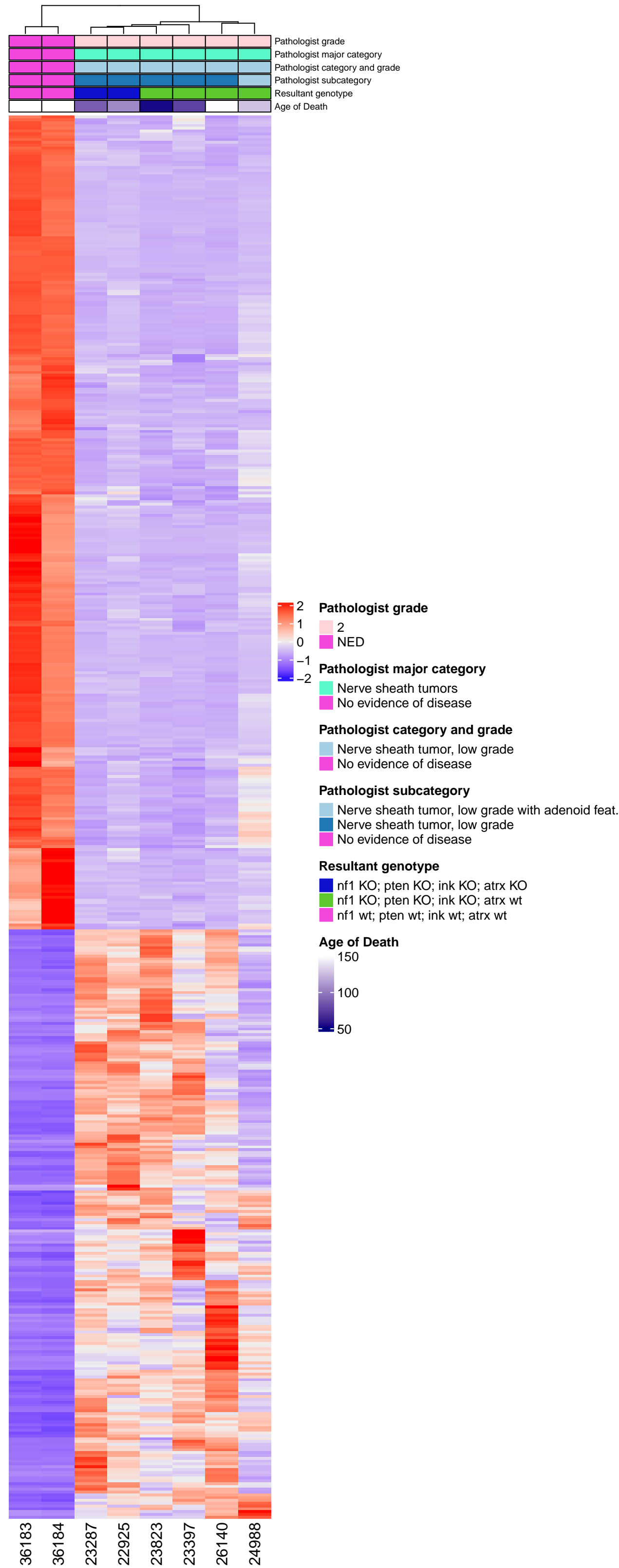
No evidence of disease vs. Glioma, grade 4



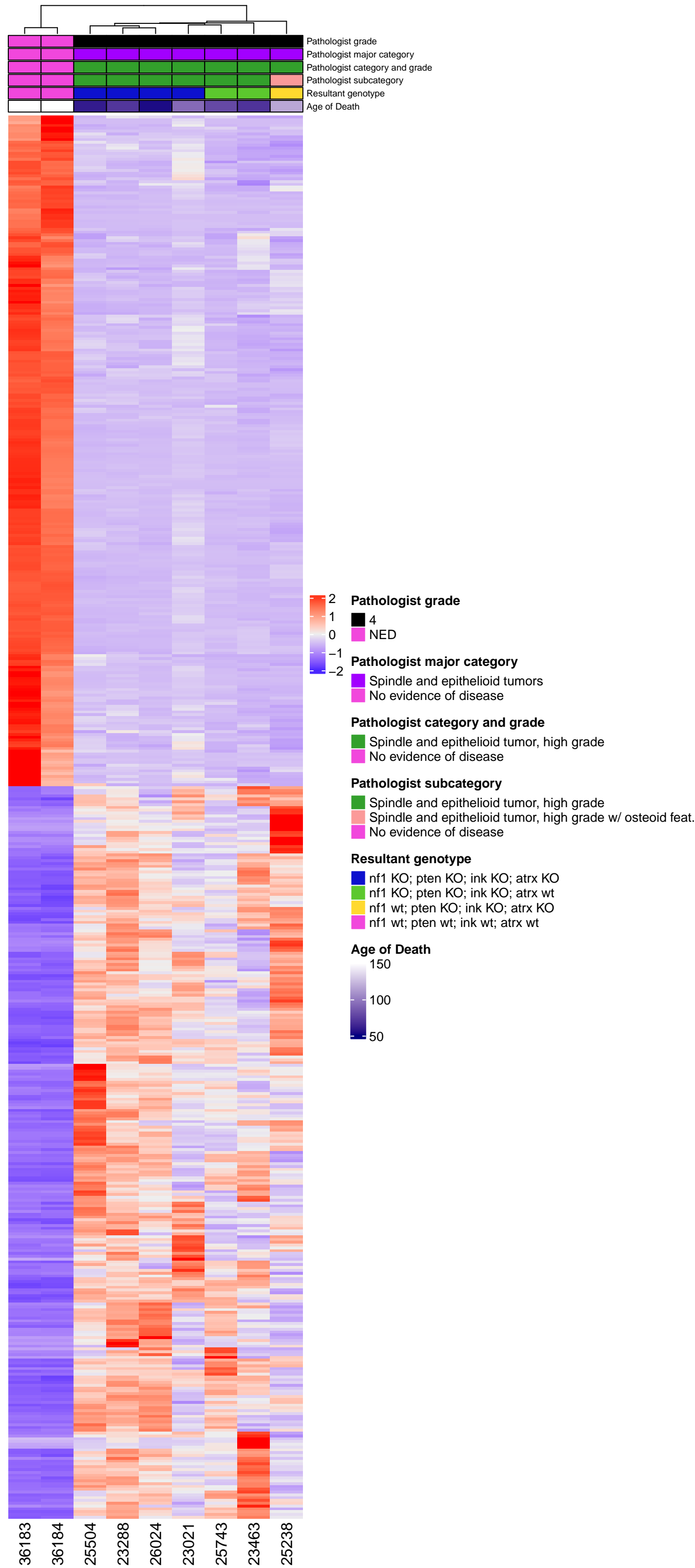
No evidence of disease vs. Nerve sheath tumor, high grade



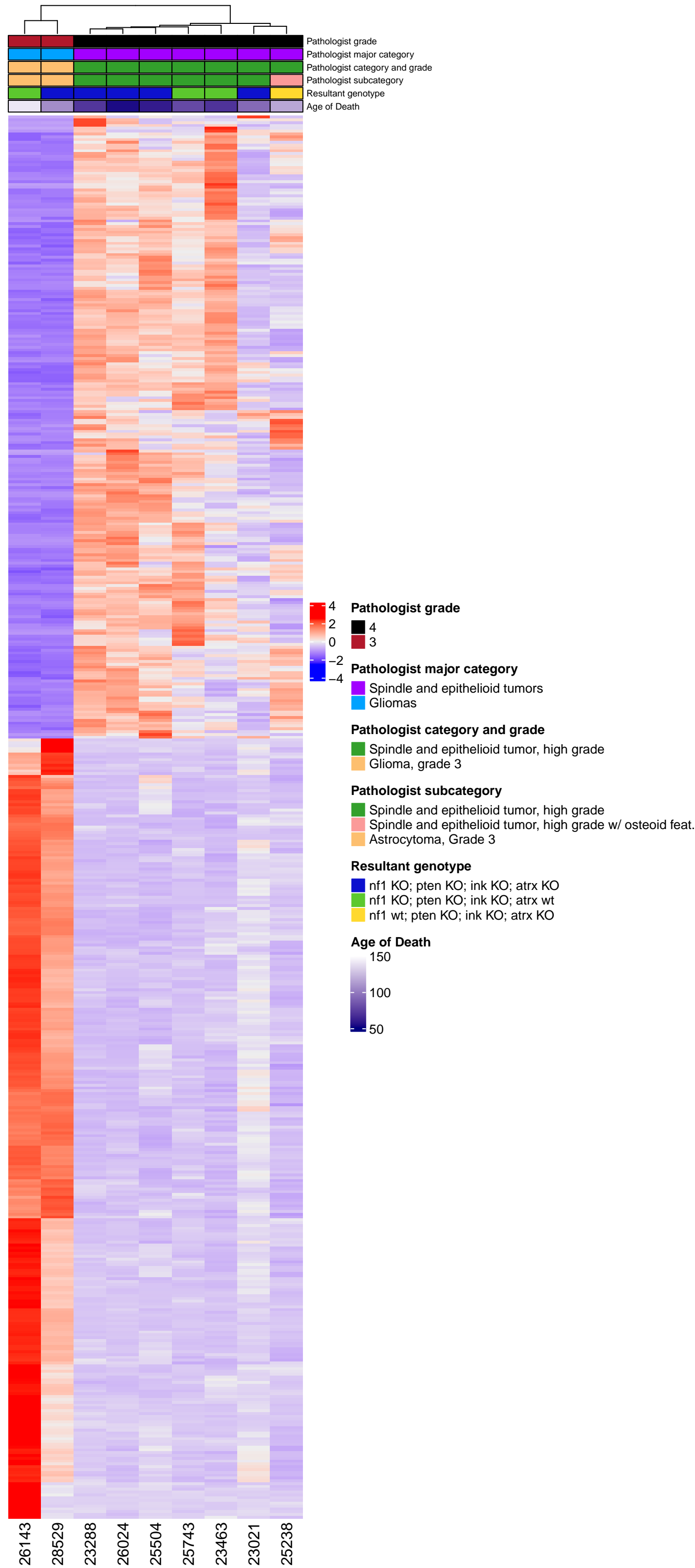
No evidence of disease vs. Nerve sheath tumor, low grade



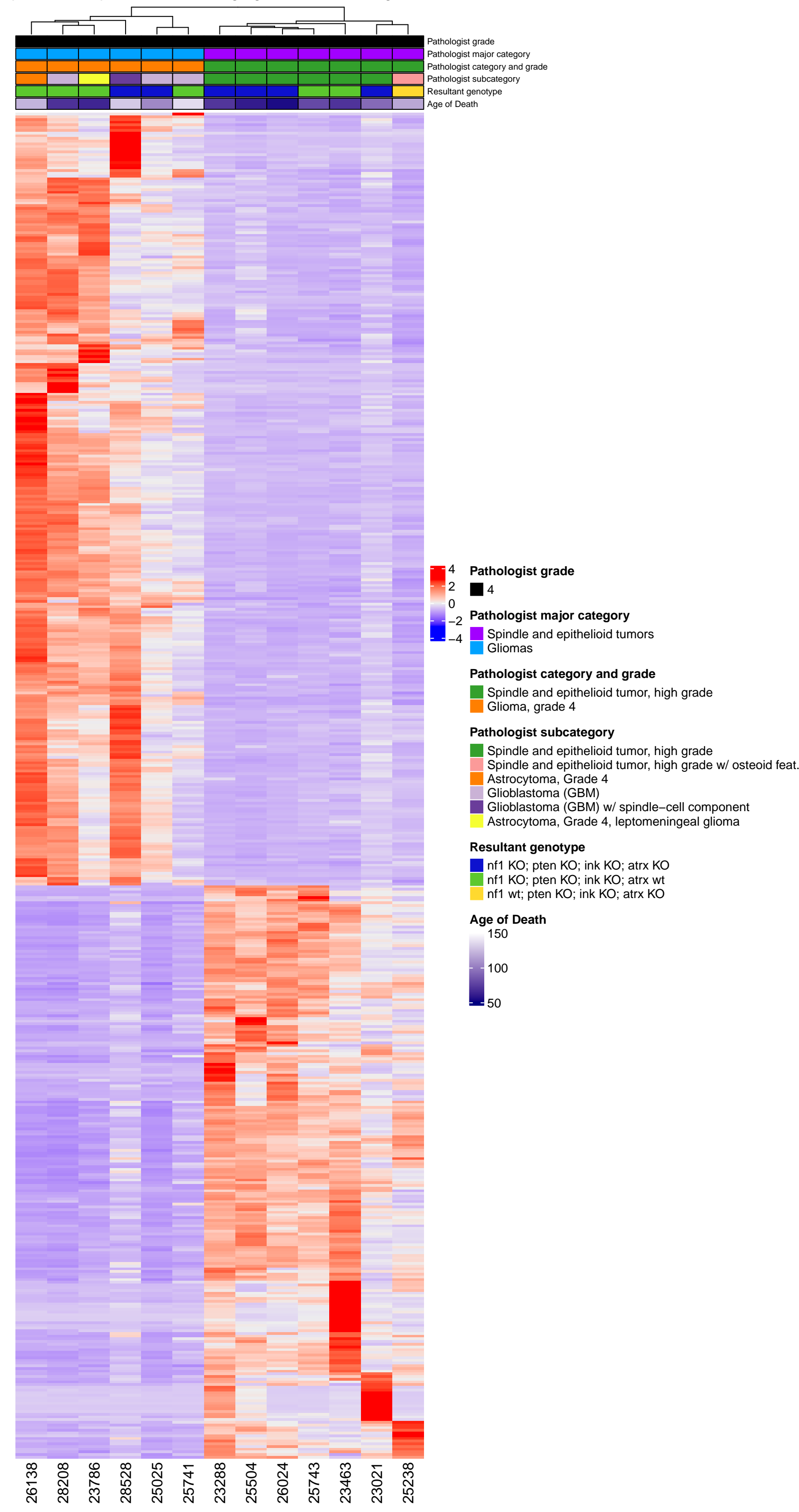
No evidence of disease vs. Spindle and epithelioid tumor, high grade



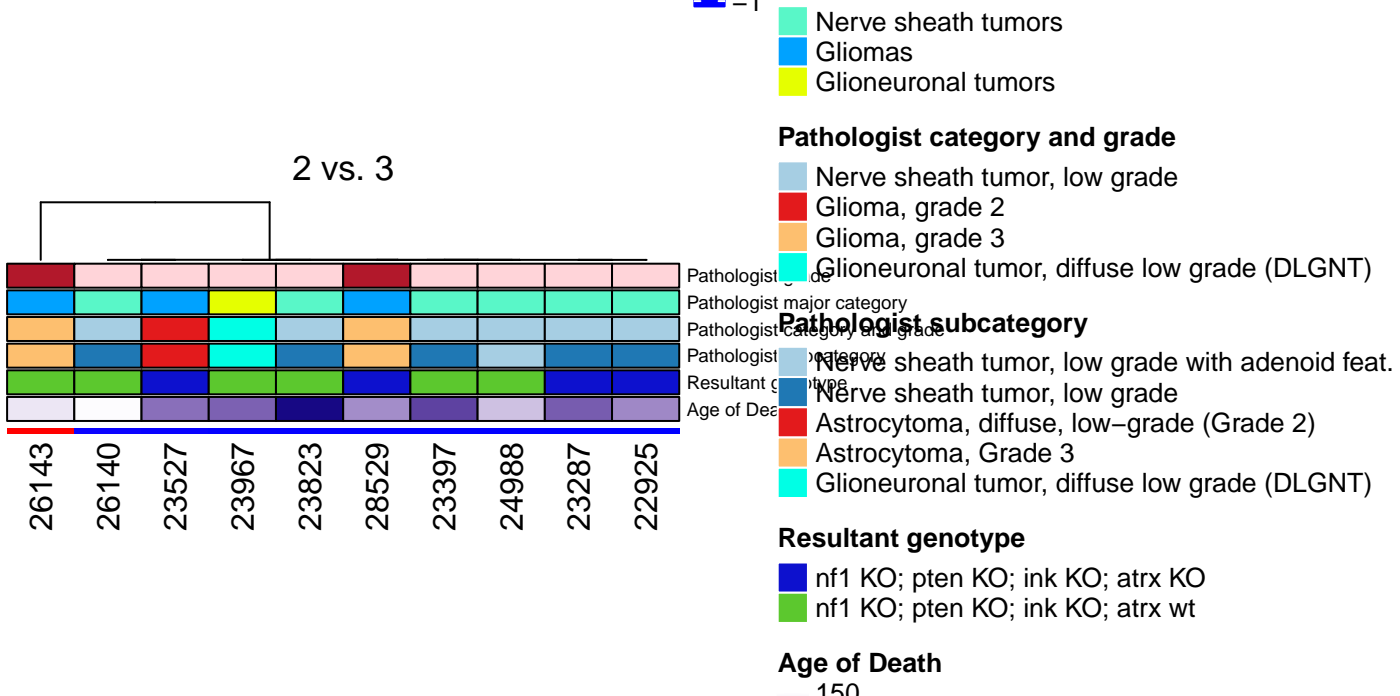
Spindle and epithelioid tumor, high grade vs. Glioma, grade 3

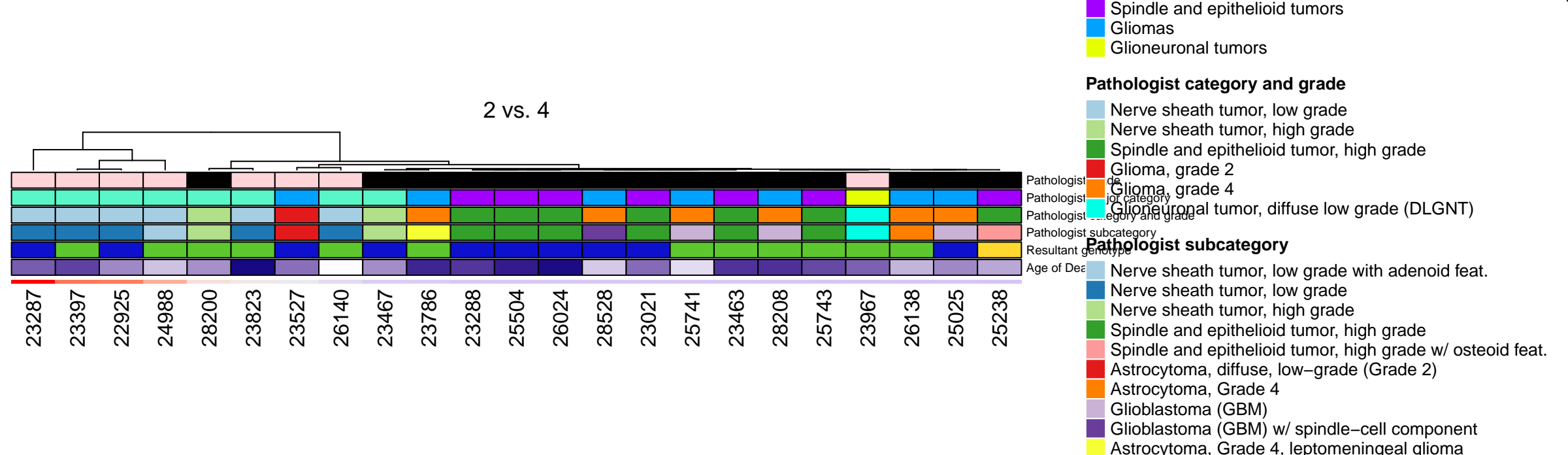


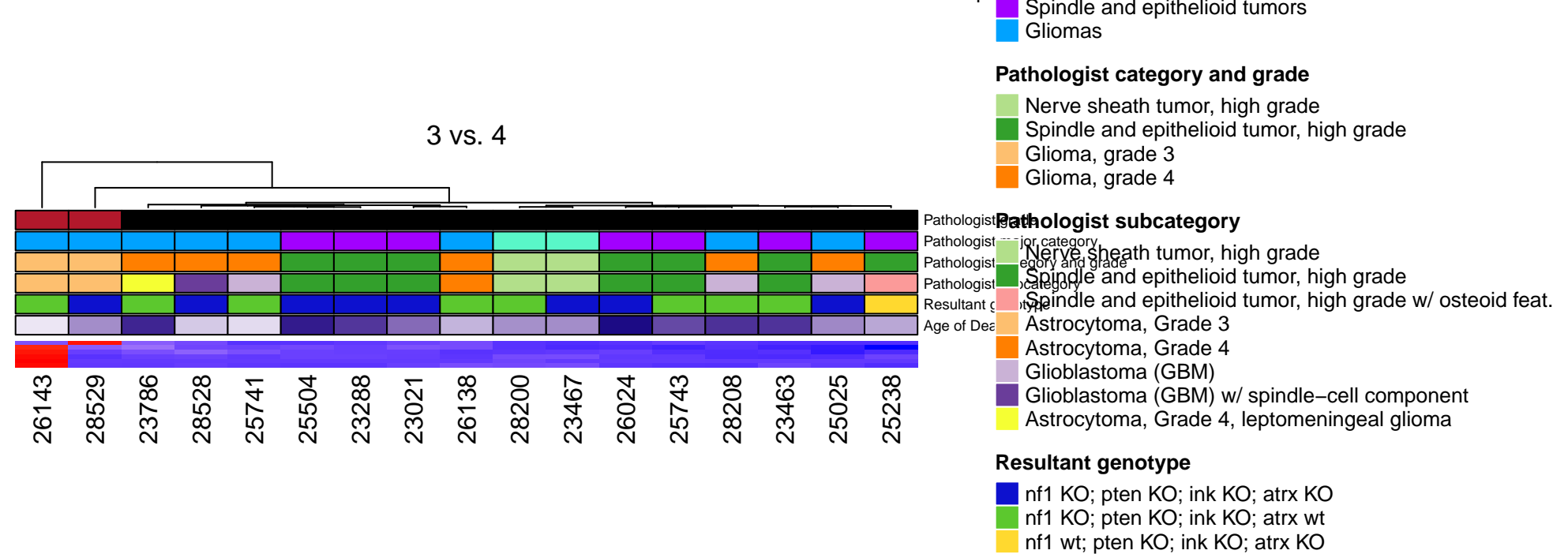
Spindle and epithelioid tumor, high grade vs. Glioma, grade 4

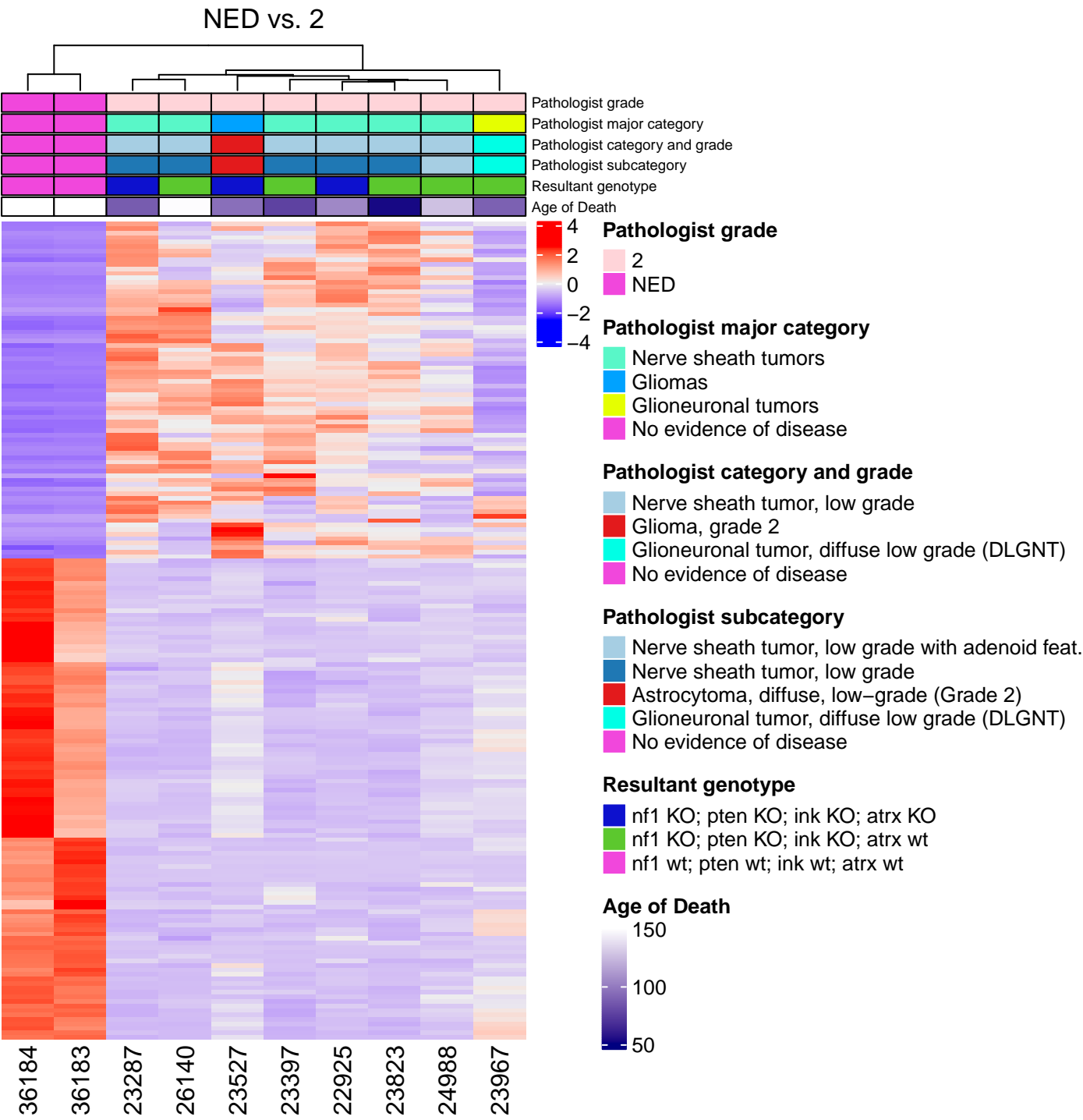


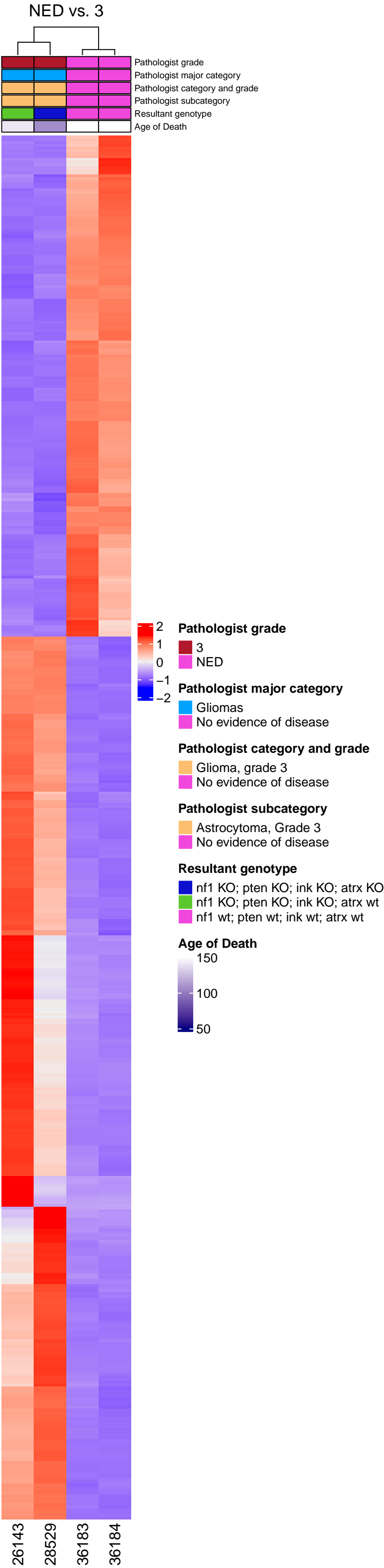


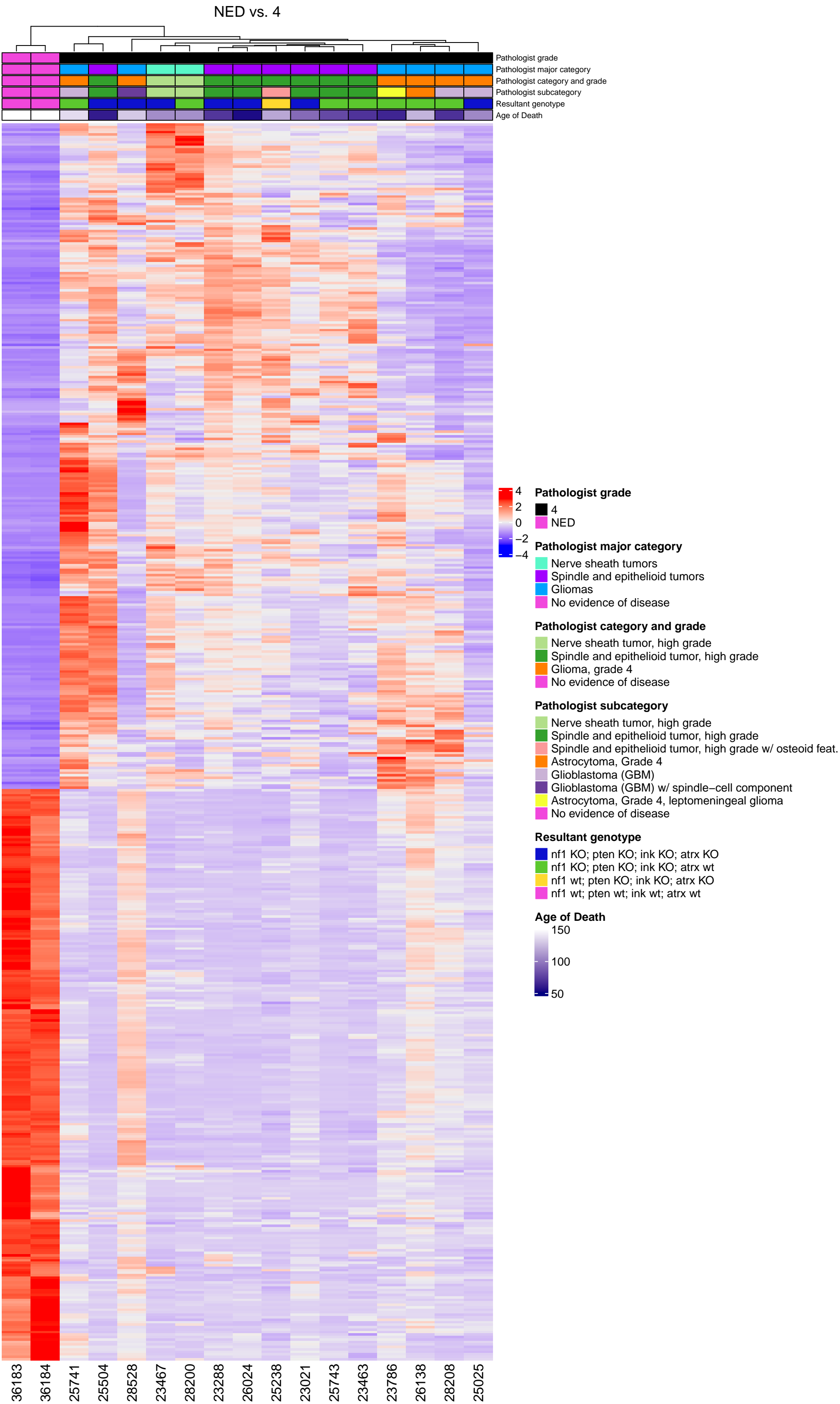


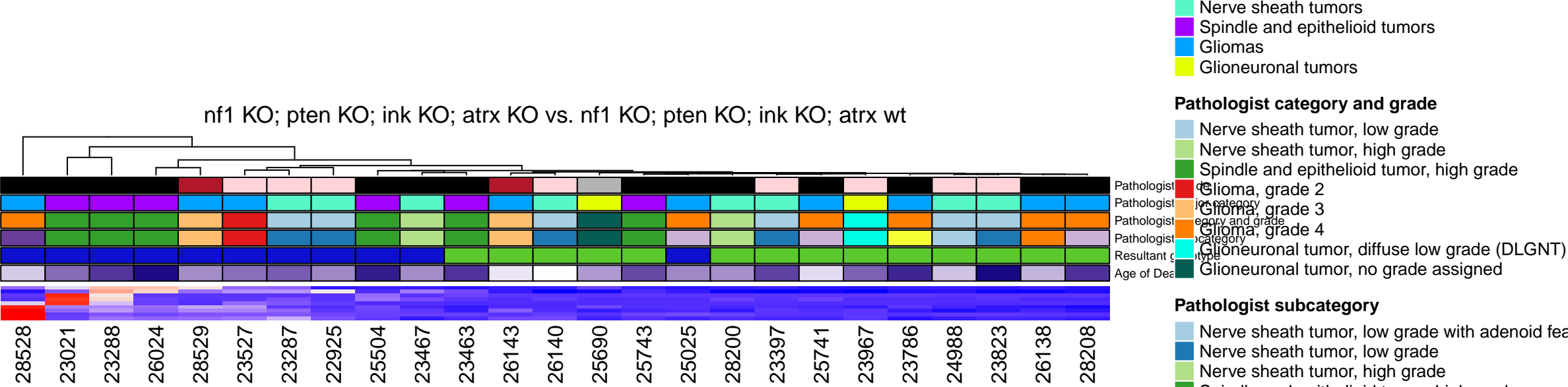




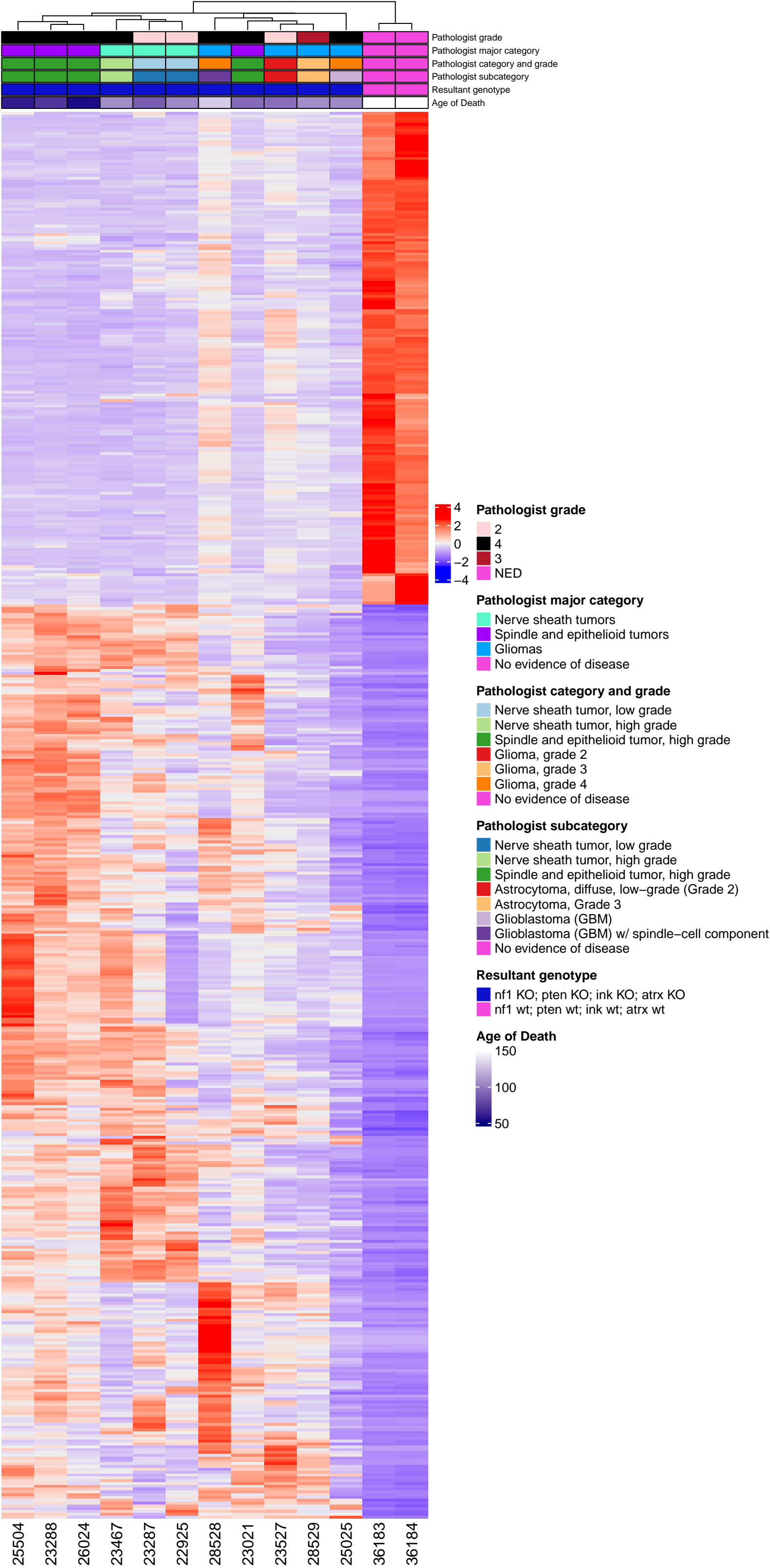








nf1 KO; pten KO; ink KO; atrx KO vs. nf1 wt; pten wt; ink wt; atrx wt





nf1 KO; pten KO; ink KO; atrx wt vs. nf1 wt; pten wt; ink wt; atrx wt

