Pathway Group: m5.go.v2024.1.Mm.entrez subset082

Pathologist grade

Pathologist major category

Nerve sheath tumors

Glioneuronal tumors No evidence of disease

Pathologist subcategory

No evidence of disease

nf1 wt; pten wt; ink wt; atrx wt

Resultant genotype

Gliomas

Spindle and epithelioid tumors

expression levels normalized per row (pathway) Pathologist subcategory Resultant genotype | GOCC_GBAF_COMPLEX GOCC_GEMINI_OF_COILED_BODIES GOCC_GERM_CELL_NUCLEUS GOCC_GERMINAL_VESICLE | GOCC_GID_COMPLEX GOCC_GINS_COMPLEX GOCC_GLIAL_CELL_PROJECTION GOCC_GLUTAMATERGIC_SYNAPSE GOCC_GLYCINERGIC_SYNAPSE GOCC_GLYCOGEN_GRANULE GOCC_GLYCOPROTEIN_COMPLEX GOCC_GLYCOPROTEIN_IB_IX_V_COMPLEX GOCC_GLYCOSYLPHOSPHATIDYLINOSITOL_N_ACETYLGLUCOSAMINYLTRANSFERASE_GPI_GNT_COMPLEX GOCC_GOLGI_APPARATUS | GOCC_GOLGI_APPARATUS_SUBCOMPARTMENT | GOCC_GOLGI_ASSOCIATED_VESICLE | GOCC_GOLGI_ASSOCIATED_VESICLE_MEMBRANE GOCC_GOLGI_CIS_CISTERNA | GOCC_GOLGI_CISTERNA | GOCC_GOLGI_CISTERNA_MEMBRANE | GOCC_GOLGI_LUMEN GOCC_GOLGI_MEDIAL_CISTERNA | GOCC_GOLGI_MEMBRANE | GOCC_GOLGI_STACK | GOCC_GOLGI_TRANS_CISTERNA | GOCC_GOLGI_TRANSPORT_COMPLEX | GOCC_GPI_ANCHOR_TRANSAMIDASE_COMPLEX GOCC_GRANULAR_COMPONENT GOCC_GRANULOCYTE_MACROPHAGE_COLONY_STIMULATING_FACTOR_RECEPTOR_COMPLEX GOCC_GROWTH_CONE_MEMBRANE GOCC_GROWTH_FACTOR_COMPLEX | GOCC_GTPASE_ACTIVATOR_COMPLEX | GOCC_GTPASE_COMPLEX | GOCC_GUANYL_NUCLEOTIDE_EXCHANGE_FACTOR_COMPLEX | GOCC_H3_HISTONE_ACETYLTRANSFERASE_COMPLEX | GOCC_H4_H2A_HISTONE_ACETYLTRANSFERASE_COMPLEX | GOCC_H4_HISTONE_ACETYLTRANSFERASE_COMPLEX GOCC_HAPTOGLOBIN_HEMOGLOBIN_COMPLEX GOCC_HAUS_COMPLEX GOCC_HEMIDESMOSOME | GOCC_HETEROCHROMATIN | GOCC_HETEROMERIC_SMAD_PROTEIN_COMPLEX GOCC_HFE_TRANSFERRIN_RECEPTOR_COMPLEX GOCC_HIGH_DENSITY_LIPOPROTEIN_PARTICLE GOCC_HIPPOCAMPAL_MOSSY_FIBER GOCC_HIPPOCAMPAL_MOSSY_FIBER_TO_CA3_SYNAPSE | GOCC_HISTONE_ACETYLTRANSFERASE_COMPLEX | GOCC_HISTONE_DEACETYLASE_COMPLEX GOCC_HISTONE_METHYLTRANSFERASE_COMPLEX Nerve sheath tumor, low grade with adenoid feat. Nerve sheath tumor, low grade Nerve sheath tumor, high grade Spindle and epithelioid tumor, high grade Spindle and epithelioid tumor, high grade w/ osteoid feat. Astrocytoma, diffuse, low-grade (Grade 2) Astrocytoma, Grade 3 Astrocytoma, Grade 4 Glioblastoma (GRM) | GOCC_HISTONE_PRE_MRNA_3_END_PROCESSING_COMPLEX GOCC_HOLLIDAY_JUNCTION_RESOLVASE_COMPLEX | GOCC_HOPS_COMPLEX GOCC_HOST_CELLULAR_COMPONENT Glioblastoma (GBM) Glioblastoma (GBM) w/ spindle–cell component Astrocytoma, Grade 4, leptomeningeal glioma Glioneuronal tumor, diffuse low grade (DLGNT) Glioneuronal tumor, NOS GOCC_I_BAND GOCC_IGA_IMMUNOGLOBULIN_COMPLEX GOCC_IGG_IMMUNOGLOBULIN_COMPLEX GOCC_IGM_IMMUNOGLOBULIN_COMPLEX GOCC_IKAPPAB_KINASE_COMPLEX nf1 KO; pten KO; ink KO; atrx KO nf1 KO; pten KO; ink KO; atrx wt nf1 wt; pten KO; ink KO; atrx KO GOCC_IMMUNOGLOBULIN_COMPLEX GOCC_IMMUNOGLOBULIN_COMPLEX_CIRCULATING GOCC_IMMUNOLOGICAL_SYNAPSE | GOCC_INCLUSION_BODY GOCC_INHIBITORY_SYNAPSE GOCC_INNER_ACROSOMAL_MEMBRANE GOCC_INNER_DYNEIN_ARM GOCC_INNER_KINETOCHORE GOCC_INNER_MITOCHONDRIAL_MEMBRANE_PROTEIN_COMPLEX | GOCC_INO80_COMPLEX | GOCC_INO80_TYPE_COMPLEX GOCC_INSULIN_LIKE_GROWTH_FACTOR_BINDING_PROTEIN_COMPLEX | GOCC_INSULIN_RESPONSIVE_COMPARTMENT GOCC_INTEGRATOR_COMPLEX GOCC_INTEGRIN_COMPLEX GOCC_INTERCALATED_DISC GOCC_INTERCELLULAR_BRIDGE GOCC_INTERCELLULAR_CANALICULUS GOCC_INTERCHROMATIN_GRANULE GOCC_INTERMEDIATE_DENSITY_LIPOPROTEIN_PARTICLE GOCC_INTERMEDIATE_FILAMENT GOCC_INTERMEDIATE_FILAMENT_CYTOSKELETON

GOCC_INTERPHASE_MICROTUBULE_ORGANIZING_CENTER

GOCC_INTRACELLULAR_PROTEIN_CONTAINING_COMPLEX

GOCC_IRON_SULFUR_CLUSTER_ASSEMBLY_COMPLEX

GOCC_KAINATE_SELECTIVE_GLUTAMATE_RECEPTOR_COMPLEX

GOCC_L_TYPE_VOLTAGE_GATED_CALCIUM_CHANNEL_COMPLEX

GOCC_INTRACELLULAR_CYCLIC_NUCLEOTIDE_ACTIVATED_CATION_CHANNEL_COMPLEX

GOCC_INTERSTITIAL_MATRIX

| GOCC_ISWI_TYPE_COMPLEX

GOCC_KERATIN_FILAMENT GOCC_KINESIN_COMPLEX

GOCC_KINOCILIUM

| GOCC_LAMELLAR_BODY

| GOCC_KINETOCHORE_MICROTUBULE

GOCC_INTRACELLULAR_CANALICULUS

GOCC_INTRACILIARY_TRANSPORT_PARTICLE

GOCC_IPAF_INFLAMMASOME_COMPLEX

GOCC_JUNCTIONAL_MEMBRANE_COMPLEX GOCC_JUXTAPARANODE_REGION_OF_AXON

GOCC_INTRACILIARY_TRANSPORT_PARTICLE_A GOCC_INTRACILIARY_TRANSPORT_PARTICLE_B