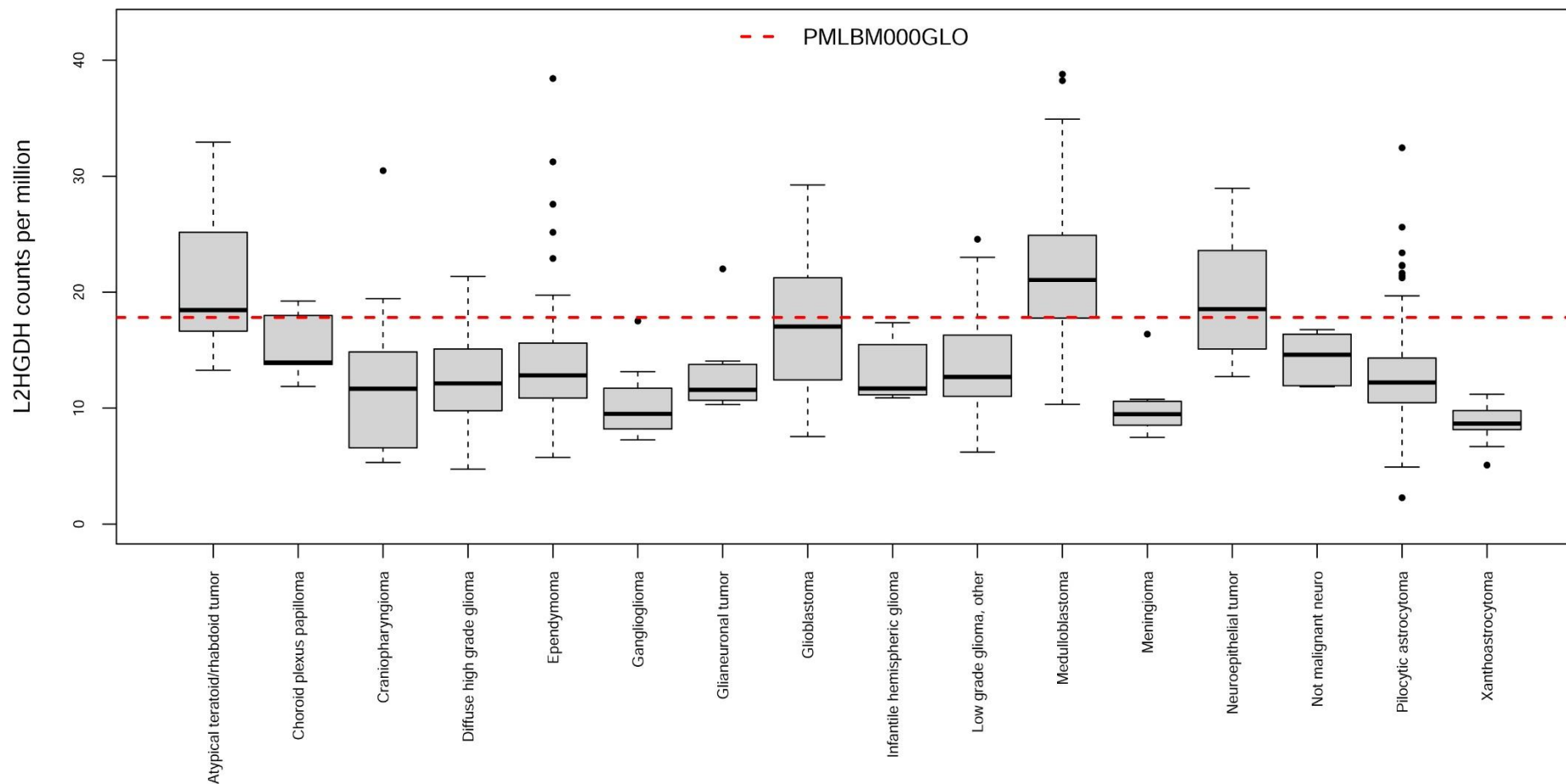## Supplementary Figure 01

Supplemental figure 1. Boxplot of expression of L2HGDH across different types of CNS tumors. Y-axis shows the L2HGDH expression in counts per million. Red dashed line indicates the expression levels for the index case.

Supplementary Data

Supplemental data, abbreviations tSNE plot (figure 3a)

A_IDH = methylation class (mc) Astrocytoma, IDH-mutant, lower grade; **A_IDH_HG** = mc Astrocytoma, IDH-mutant, high grade; **O_IDH** = mc oligodendroglioma, IDH-mutant and 1p/19q-codeleted; **DMG_K27** = mc Diffuse midline glioma, H3 K27-altered, subtype H3 K27-mutant or EZHIP expressing; **YAP_EPN** = mc Supratentorial ependymoma, YAP1 fusion-positive; **GBM_G34** = mc Diffuse hemispheric glioma, H3 G34-mutant; **GBM_MES** = mc Glioblastoma, IDH-wildtype, mesenchymal subtype; **GBM_RTK1** = mc Glioblastoma, IDH-wildtype, RTK1 subtype; **GBM_RTK2** = mc Glioblastoma, IDH-wildtype, RTK2 subtype; **GBM_pedMYCN** = mc Diffuse paediatric-type high grade glioma, MYCN subtype; **GBM_pedRTK1a-c** = mc Diffuse paediatric-type high grade glioma, RTK1 subtype, subclass A-C; **GBM_predRTK2a&b** = mc Diffuse paediatric-type high grade glioma, RTK2 subtype, subclass A&B; **IHG** = mc Infant-type hemispheric glioma; **LGG_MYB_A** = mc Angiocentric glioma, MYB/MYBL1-altered; **LGG_MYB_B** = mc Diffuse astrocytoma, MYB or MYBL1-altered, subtype B [infratentorial]; **LGG_MYB_C** = mc Diffuse astrocytoma, MYB or MYBL1-altered, subtype C [isomorphic]; **LGG_MYB_D** = mc Diffuse astrocytoma, MYB or MYBL1-altered, subtype D; **PLNTY** = mc Polymorphous low-grade neuroepithelial tumour of the young; **ZFTA_EPN** = mc Supratentorial ependymoma, ZFTA fusion-positive