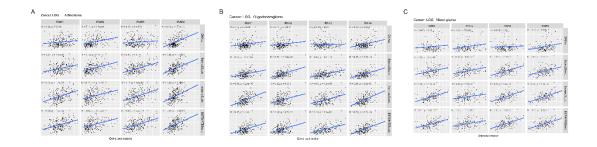
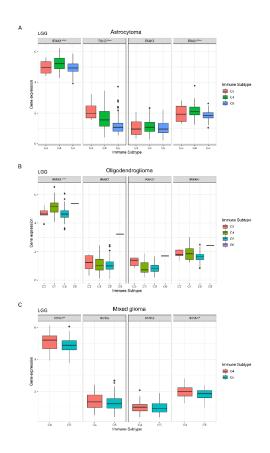
## Supplementary Fig. 1

Scatter plots for Spearman correlation tests between IRAK gene expression and DNAss, Immune score, Stromal score, and Estimate score in three histologic-based subtypes of LGG, including Astrocytoma (A), Oligodendroglioma (B), and mixed glioma (C).

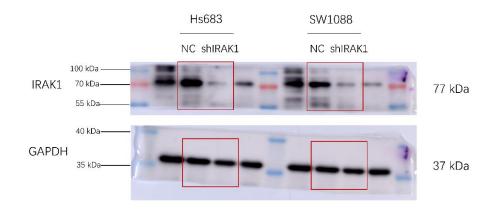


## Supplementary Fig. 2

Differential IRAK family gene expression across immune infiltrate subtypes in three histologic-based subgroups of LGG, including Astrocytoma (A), Oligodendroglioma (B), and mixed glioma (C). C3, inflammatory; C4, lymphocyte depleted; C5, immunologically quiet; C6, TGF- $\beta$  dominant. \* P < 0.05, \*\* P < 0.01, \*\*\*\* P < 0.0001.



## Supplementary Fig. S1 Full-size blots of Fig. 10A.



## Supplementary Fig. S2 Full-size blots of Fig. 10G.

