

Supplementary Tables

Supplementary Table 1. Multiple covariates Cox regression of overall survival of LGG individuals.

Immune cells	HR	95%CI	P value
B_cell	2.696	0.009-777.626	0.731
CD8_Tcell	53.174	0.06-47226.07	0.251
CD4_Tcell	0.028	0.000-61.505	0.361
Macrophage	309.482	5.617-16940.402	0.005
Neutrophil	0.003	0.000-4.014	0.112
Dendritic	4.76	0.111-203.213	0.415
<i>SLC10A3</i>	2.302	1.242-4.266	0.008

Supplementary Table 2. The detailed information of the primary and second antibodies in mIHC assay.

Antibody	<i>SLC10A3</i>	CD68	CD4	CD20	PDL1	PD1
No.	ab224438	ZM0060	ZM0418	ab78237	13684S	ZM0381
Species	rabbit	mouse	mouse	rabbit	rabbit	Mouse
Concentration	1:1000	1:500	1:100	1:100	1:100	1:100
Incubation condition	37° C 1hr	37° C 1hr	4° C ON	37° C 1hr	37° C 1hr	37° C 1Hr
Second antibody	BD(1:3)	BD(1:3)	BD(1:3)	BD(1:3)	BD(1:3)	PV-8000
Dye (1:100)	XTSA 480	XTSA 520	XTSA 570	XTSA 620	XTSA 690	XTSA 780