

## SUPPLEMENTARY TABLE

Supplementary Table 1. VBM analyses for glioma patient groups compared with HCs.

Analysis	Group	Cluster size (in voxels)	Peak MNI coordinate			Peak level T value
			X	Y	Z	
VBM	Left HGG vs HCs	175	-14	-40	10	4.03
			-20	-33	0	3.15
	Left LGG vs HCs	20	-14	-39	10	3.53
			74	-34	-28	-6
	Right HGG vs HCs	473	14	-38	10	3.89
26			-33	8	3.66	

T values were determined by a 2-sample t test (Cluster level  $p < 0.05$ , FDR corrected), Voxel size =  $1.5 \times 1.5 \times 1.5 \text{ mm}^3$ .