Table S1 Frequency distribution of selected variables in glioma patients and cancer-free controls

| Variables                              | Cases (N=171) | Controls (N=228) | p*  |
|----------------------------------------|---------------|------------------|-----|
| Age range, months                      |               |                  |     |
|                                        | 4.00–168.00   | 4.00–168.00      | 0.623 |
| Mean ± SD                              | 63.40±47.72   | 52.41±32.65      |     |
| <60                                    | 85            | 119              |     |
|                                        | 49.71         | 52.19            |     |
| ≥60                                    | 86            | 109              |     |
|                                        | 50.29         | 47.81            |     |
| Gender                                 |               |                  | 0.190 |
| Female                                 | 81            | 93               |     |
|                                        | 47.37         | 40.79            |     |
| Male                                   | 90            | 135              |     |
|                                        | 52.63         | 59.21            |     |
| Subtypes                               |               |                  |     |
| Astrocytic tumors                      | 125           | –                |     |
|                                        | 73.10         | –                |     |
| Ependymoma                             | 24            | –                |     |
|                                        | 14.62         | –                |     |
| Neuronal and mixed neuronal-glial tumours | 14    | –                |     |
|                                        | 8.19          | –                |     |
| Embryonal tumors                       | 7             | –                |     |
|                                        | 4.09          | –                |     |
| WHO stages                             |               |                  |     |
| I                                      | 103           | –                |     |
|                                        | 60.23         | –                |     |
| II                                     | 28            | –                |     |
|                                        | 16.37         | –                |     |
| III                                    | 15            | –                |     |
|                                        | 8.77          | –                |     |
| IV                                     | 25            | –                |     |
|                                        | 14.62         | –                |     |

*, two-sided $\chi^2$ test for distributions between glioma patients and cancer-free controls. SD, standard deviation.