

Supplementary Table S1. Baseline characteristics of brain lower grade gliomas from TCGA

| Variable | No. (%) (n=516) |
|------------------------------|-----------------|
| Age, mean (range, yr) | 42 (14–87) |
| Sex | |
| Male | 285 (55.4) |
| Female | 229 (44.6) |
| NA | 2 |
| Site | |
| Frontal lobe | 301 (58.7) |
| Temporal lobe | 146 (28.5) |
| Parietal lobe | 47 (9.2) |
| Occipital lobe | 8 (1.6) |
| Supratentorial, NOS | 8 (1.6) |
| Cerebellum | 2 (0.4) |
| Brain stem | 1 (0.2) |
| NA | 3 (0.6) |
| Diagnosis | |
| Oligoastrocytoma | 134 (25.3) |
| Anaplastic astrocytoma | 130 (24.5) |
| Oligodendroglioma | 120 (22.6) |
| Anaplastic oligodendroglioma | 78 (14.7) |
| Astrocytoma | 67 (12.6) |
| Diffuse glioma | 1 (0.2) |
| p53 mutation | |
| No | 326 (63.2) |
| Yes | 190 (36.8) |
| IDH1 mutation | |
| No | 295 (57.2) |
| Yes | 221 (42.8) |

TCGA, The Cancer Genome Atlas; NA, not available; NOS, not otherwise specified; IDH1, isocitrate dehydrogenase 1.