

Supplementary Table 1 Clinical and molecular characteristics of the 103 gliomas

Number	Gender	Year	Locus	Histology	Who grade	<i>MGMTp</i>	<i>m-IDH1</i>	<i>IDH2</i>	<i>TERTp</i>
1	female	26	left	astrocytoma	2	yes	wild-type	wild-type	wild-type
2	female	83	left	astrocytoma	2	yes	wild-type	wild-type	wild-type
3	female	27	right	astrocytoma	2	yes	mutation	wild-type	wild-type
4	female	46	left	glioblastoma	4	no	wild-type	wild-type	mutation
5	female	20	right	glioblastoma	4	yes	wild-type	wild-type	wild-type
6	male	45	left	glioblastoma	4	yes	wild-type	wild-type	mutation
7	female	73	right	glioblastoma	4	yes	wild-type	wild-type	mutation
8	male	29	left	astrocytoma	2	yes	mutation	wild-type	wild-type
9	male	41	right	astrocytoma	2	yes	mutation	wild-type	wild-type
10	female	47	left	astrocytoma	2	yes	wild-type	wild-type	wild-type
11	female	54	other	glioblastoma	4	yes	wild-type	wild-type	mutation
12	male	52	left	glioblastoma	4	no	wild-type	wild-type	mutation
13	male	65	other	glioblastoma	4	no	wild-type	wild-type	wild-type
14	male	57	right	glioblastoma	4	no	wild-type	wild-type	mutation
15	male	49	left	glioblastoma	4	yes	wild-type	wild-type	mutation
16	female	53	left	astrocytoma	2	no	wild-type	wild-type	mutation
17	female	26	left	astrocytoma	2	yes	mutation	wild-type	wild-type
18	female	41	right	anaplastic as	3	yes	mutation	wild-type	wild-type
19	female	61	right	anaplastic as	3	yes	wild-type	wild-type	mutation
20	female	45	left	anaplastic as	3	yes	mutation	wild-type	wild-type
21	female	49	left	anaplastic as	3	no	mutation	wild-type	wild-type
22	female	38	left	anaplastic as	3	yes	mutation	wild-type	wild-type
23	female	42	right	anaplastic as	3	no	wild-type	wild-type	wild-type
24	female	53	left	anaplastic as	3	yes	wild-type	wild-type	wild-type
25	female	23	left	astrocytoma	2	yes	mutation	wild-type	wild-type
26	female	49	right	astrocytoma	2	yes	mutation	wild-type	wild-type
27	male	26	right	anaplastic as	3	no	mutation	wild-type	wild-type
28	female	28	other	astrocytoma	2	no	wild-type	wild-type	wild-type
29	male	39	right	astrocytoma	2	yes	mutation	wild-type	wild-type
30	female	47	left	astrocytoma	2	no	wild-type	wild-type	wild-type
31	male	34	right	astrocytoma	2	no	wild-type	wild-type	wild-type
32	female	51	other	astrocytoma	2	no	wild-type	wild-type	wild-type
33	male	50	right	anaplastic as	3	yes	mutation	wild-type	wild-type
34	female	51	other	anaplastic as	3	no	wild-type	wild-type	mutation
35	male	50	right	anaplastic as	3	no	wild-type	wild-type	wild-type
36	male	46	right	anaplastic as	3	no	mutation	wild-type	wild-type
37	female	34	left	astrocytoma	2	yes	mutation	wild-type	mutation
38	female	50	left	anaplastic as	3	yes	mutation	wild-type	mutation
39	female	36	right	anaplastic as	3	no	mutation	wild-type	wild-type
40	male	17	left	anaplastic as	3	no	wild-type	wild-type	wild-type
41	female	50	other	anaplastic ol	3	yes	mutation	wild-type	mutation
42	male	60	right	anaplastic ol	3	yes	mutation	wild-type	mutation
43	male	49	right	glioblastoma	4	yes	wild-type	wild-type	mutation
44	female	44	right	anaplastic ol	3	yes	wild-type	mutation	wild-type
45	female	45	right	anaplastic ol	3	yes	mutation	wild-type	mutation
46	male	55	left	anaplastic as	3	yes	mutation	wild-type	mutation
47	male	56	right	anaplastic as	3	no	wild-type	wild-type	mutation
48	male	36	left	anaplastic as	3	yes	mutation	wild-type	wild-type
49	male	67	left	anaplastic as	3	yes	wild-type	wild-type	mutation
50	male	43	left	anaplastic ol	3	yes	mutation	wild-type	mutation
51	male	56	right	anaplastic ol	3	yes	wild-type	wild-type	mutation
52	female	66	left	anaplastic ol	3	yes	mutation	wild-type	mutation
53	male	50	left	anaplastic ol	3	yes	mutation	wild-type	mutation
54	female	67	left	anaplastic ol	3	yes	wild-type	wild-type	wild-type
55	male	51	left	glioblastoma	4	no	mutation	wild-type	wild-type
56	male	58	right	glioblastoma	4	yes	wild-type	wild-type	mutation
57	male	47	other	glioblastoma	4	no	wild-type	wild-type	mutation
58	female	54	left	glioblastoma	4	yes	mutation	wild-type	wild-type
59	female	55	left	anaplastic ol	3	yes	mutation	wild-type	mutation

60	female	27	left	anaplastic ol	3	yes	mutation	wild-type	mutation
61	male	53	right	anaplastic ol	3	no	wild-type	wild-type	wild-type
62	male	45	left	glioblastoma	4	no	mutation	wild-type	wild-type
63	male	48	left	glioblastoma	4	yes	wild-type	wild-type	wild-type
64	female	41	other	glioblastoma	4	yes	wild-type	wild-type	wild-type
65	female	72	left	glioblastoma	4	yes	wild-type	wild-type	mutation
66	female	45	left	glioblastoma	4	yes	wild-type	wild-type	mutation
67	female	70	left	glioblastoma	4	yes	wild-type	wild-type	wild-type
68	female	61	right	oligodendroꝰ	2	yes	mutation	wild-type	mutation
69	male	53	right	oligodendroꝰ	2	yes	mutation	wild-type	mutation
70	female	70	right	glioblastoma	4	yes	wild-type	wild-type	mutation
71	male	39	left	glioblastoma	4	no	wild-type	wild-type	mutation
72	female	61	other	glioblastoma	4	yes	wild-type	wild-type	mutation
73	male	67	right	glioblastoma	4	yes	wild-type	wild-type	mutation
74	female	66	right	glioblastoma	4	no	wild-type	wild-type	mutation
75	male	55	left	glioblastoma	4	yes	wild-type	wild-type	mutation
76	male	62	right	glioblastoma	4	no	wild-type	wild-type	wild-type
77	female	41	right	glioblastoma	4	no	mutation	wild-type	wild-type
78	male	46	right	glioblastoma	4	yes	wild-type	wild-type	mutation
79	male	50	right	glioblastoma	4	no	wild-type	wild-type	mutation
80	female	51	left	glioblastoma	4	yes	wild-type	wild-type	mutation
81	female	75	left	glioblastoma	4	yes	wild-type	wild-type	mutation
82	male	38	left	oligodendroꝰ	2	yes	mutation	wild-type	mutation
83	female	40	left	oligodendroꝰ	2	yes	mutation	wild-type	mutation
84	female	47	left	oligodendroꝰ	2	yes	wild-type	mutation	mutation
85	female	54	left	oligodendroꝰ	2	yes	mutation	wild-type	mutation
86	male	42	other	oligodendroꝰ	2	yes	wild-type	wild-type	wild-type
87	male	55	right	glioblastoma	4	yes	wild-type	wild-type	mutation
88	female	36	left	oligodendroꝰ	2	yes	mutation	wild-type	mutation
89	male	51	right	oligodendroꝰ	2	yes	mutation	wild-type	mutation
90	male	40	right	oligodendroꝰ	3	yes	mutation	wild-type	mutation
91	female	53	left	glioblastoma	4	no	wild-type	wild-type	wild-type
92	male	54	right	glioblastoma	4	yes	wild-type	wild-type	mutation
93	female	42	other	glioblastoma	4	no	wild-type	wild-type	mutation
94	female	29	left	oligodendroꝰ	2	yes	wild-type	wild-type	mutation
95	female	56	right	oligodendroꝰ	2	yes	mutation	wild-type	mutation
96	female	32	right	oligodendroꝰ	2	yes	mutation	wild-type	mutation
97	male	29	right	oligodendroꝰ	2	yes	wild-type	mutation	mutation
98	female	53	right	oligodendroꝰ	2	no	mutation	wild-type	mutation
99	female	16	left	astrocytoma	2	yes	wild-type	wild-type	wild-type
100	male	54	left	oligodendroꝰ	2	yes	mutation	wild-type	mutation
101	male	74	left	oligodendroꝰ	2	yes	mutation	wild-type	mutation
102	female	63	right	oligodendroꝰ	2	yes	wild-type	wild-type	mutation
103	female	50	right	oligoastrocyt	2	yes	mutation	wild-type	mutation

Number	<i>BRAF</i>	1p/19q	Ki-67 (%)	p53 (%)	Outcome (1, Survival time (months))	
1	wild-type	no deletion	5	0	0	36
2	wild-type	no deletion	10	0	0	35
3	wild-type	no deletion	3	30	0	33
4	mutation	no deletion	10	5	0	41
5	wild-type	no deletion	20	60	0	34
6	wild-type	no deletion	30	3	0	34
7	wild-type	no deletion	30	40	0	18
8	mutation	no deletion	3	0	0	27
9	wild-type	no deletion	10	40	0	27
10	wild-type	no deletion	1	0	1	6
11	wild-type	1p-deletion	10	0	0	17
12	wild-type	no deletion	50	5	0	16
13	wild-type	no deletion	20	0	0	16
14	wild-type	no deletion	20	10	0	16
15	wild-type	no deletion	15	20	0	15

16	mutation	1p-deletion	10	5	1	9
17	wild-type	no deletion	20	50	1	2
18	wild-type	no deletion	15	40	0	39
19	wild-type	codeletion	10	20	0	31
20	wild-type	19q-deletion	5	90	0	31
21	wild-type	no deletion	10	40	0	41
22	wild-type	no deletion	8	70	0	30
23	mutation	no deletion	2	0	0	41
24	wild-type	1p-deletion	20	1	0	26
25	wild-type	codeletion	5	5	0	40
26	wild-type	no deletion	5	20	0	38
27	wild-type	no deletion	7	70	0	19
28	wild-type	no deletion	3	5	0	26
29	wild-type	no deletion	1	10	0	26
30	wild-type	no deletion	1	0	0	30
31	mutation	no deletion	3	10	0	28
32	wild-type	no deletion	5	1	0	27
33	wild-type	no deletion	1	1	0	22
34	wild-type	no deletion	10	30	0	18
35	wild-type	no deletion	5	0	0	10
36	wild-type	no deletion	7	40	0	17
37	wild-type	codeletion	4	1	0	16
38	wild-type	codeletion	15	10	0	15
39	wild-type	no deletion	8	5	0	17
40	wild-type	no deletion	5	30	1	25
41	wild-type	codeletion	10	0	0	42
42	wild-type	codeletion	20	0	0	41
43	wild-type	no deletion	40	0	0	8
44	wild-type	codeletion	20	5	0	34
45	wild-type	codeletion	10	0	0	32
46	wild-type	codeletion	5	0	1	8
47	wild-type	no deletion	30	20	1	3
48	wild-type	no deletion	10	100	1	10
49	wild-type	no deletion	30	80	1	2
50	wild-type	codeletion	15	1	0	11
51	wild-type	no deletion	15	1	0	16
52	wild-type	codeletion	20	1	0	16
53	wild-type	codeletion	10	5	1	14
54	wild-type	codeletion	15	2	1	0.5
55	wild-type	no deletion	30	50	0	42
56	wild-type	no deletion	35	1	0	36
57	wild-type	19q-deletion	20	5	0	18
58	mutation	no deletion	40	70	0	28
59	wild-type	codeletion	5	10	0	40
60	wild-type	codeletion	8	0	0	26
61	wild-type	codeletion	25	5	0	28
62	wild-type	no deletion	40	90	0	15
63	wild-type	codeletion	70	10	0	12
64	wild-type	19q-deletion	12	20	0	18
65	wild-type	no deletion	40	0	0	10
66	wild-type	no deletion	40	10	0	17
67	wild-type	no deletion	30	60	1	13.5
68	wild-type	codeletion	8	5	0	18
69	wild-type	codeletion	4	1	0	16
70	wild-type	no deletion	20	30	1	4.5
71	wild-type	no deletion	5	0	1	8
72	wild-type	no deletion	40	10	1	4
73	wild-type	codeletion	50	60	1	4
74	wild-type	no deletion	40	30	1	12
75	wild-type	1p-deletion	30	20	1	5
76	wild-type	no deletion	20	30	1	7
77	wild-type	no deletion	40	80	1	3

78	wild-type	no deletion	30	5	1	2
79	wild-type	no deletion	30	5	1	18
80	wild-type	no deletion	50	10	1	2
81	wild-type	no deletion	25	30	0	17
82	wild-type	codeletion	2	2	0	37
83	wild-type	codeletion	10	10	0	36
84	wild-type	codeletion	10	5	0	35
85	wild-type	codeletion	5	0	0	34
86	wild-type	no deletion	5	0	0	33
87	wild-type	no deletion	25	1	1	5
88	wild-type	codeletion	4	20	0	33
89	wild-type	codeletion	7	10	0	32
90	wild-type	codeletion	15	0	0	40
91	wild-type	no deletion	20	30	1	5
92	wild-type	1p-deletion	70	30	1	0.5
93	wild-type	19q-deletion	30	50	1	1
94	wild-type	codeletion	8	3	0	25
95	wild-type	codeletion	1	0	0	22
96	wild-type	codeletion	1	0	0	18
97	wild-type	codeletion	2	5	0	17
98	wild-type	codeletion	5	0	0	29
99	wild-type	no deletion	1	40	0	35
100	wild-type	codeletion	10	0	0	12
101	wild-type	codeletion	1	0	0	17
102	wild-type	no deletion	20	5	1	6
103	wild-type	codeletion	3	1	0	32

